HISTORY

Model Name : KDL-32/37/40/46/52W5800
SERVICE MANUAL

Click on Page Number to display detail of changes.

Date	Part Number	Description of Revisions	Version
2009.09	9-883-465-01	Original Manual.	1.0
2009.12	9-883-465-02	Correction to 32” Power Unit(G2). (P53)	2.0

Self Diagnosis Supported model

SERVICE MANUAL

EX2L-Basil CHASSIS

MODEL	DEST	MODEL	DEST
KDL-32W5800	AEP / UK	KDL-46W5800	AEP / UK
KDL-37W5800	AEP / UK	KDL-52W5800	AEP / UK
KDL-40W5800	AEP / UK		

RM-ED020 (UK)

RM-ED016 (AEP)

FLAT PANEL COLOR TV

SONY®

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WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE WORK TO AVOID POSSIBLE SHOCK HAZARD DUE TO LIVE CHASSIS, THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARKED ⚠ ON THE EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

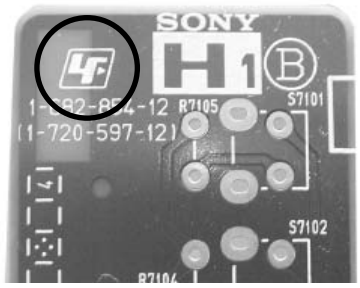
SECTION 1 GENERAL

CAUTION

Lead Free Soldered Boards

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. H1 etc [see example]. The servicing of these boards requires special precautions to be taken as outlined below.

example



Lead Free Solder material must be used to comply with environmental requirements of new solder joints. Lead Free Solder is available under the following part numbers :

Partnumber	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to *http://www.sony-training.com*

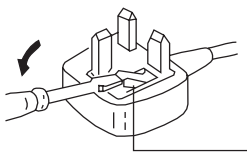
UK PLUG WARNING

WARNING (UK Models only)

The flexible mains lead is supplied connected to a **B.S. 1363** fused plug having a fuse of the correct rating for the set. Should the fuse need to be replaced, use a fuse of the same rating approved by ASTA to **BS 1362**, ie one that carries the ASTA mark.

IF THE PLUG SUPPLIED WITH THIS APPLIANCE IS NOT SUITABLE FOR THE OUTLET SOCKETS IN YOUR HOME, IT SHOULD BE CUT OFF AND AN APPROPRIATE PLUG FITTED. THE PLUG SEVERED FROM THE MAINS LEAD MUST BE DESTROYED AS A PLUG WITH BARED WIRES IS DANGEROUS IF ENGAGED IN A LIVE SOCKET.

When an alternative type of plug is used, it should be fitted with the correct rating fuse, otherwise the circuit should be protected by the same rating fuse at the distribution board.



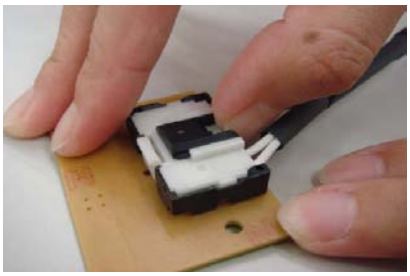
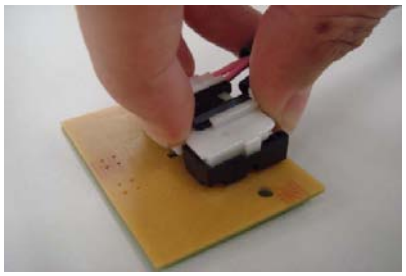
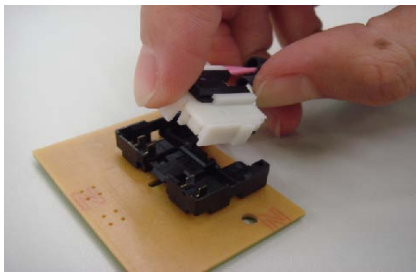
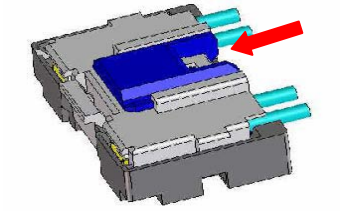
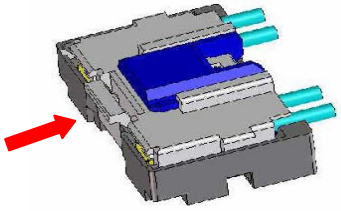
How to replace the fuse.
Open the fuse compartment with a screwdriver blade and replace the fuse.

LCD PANEL CAUTION

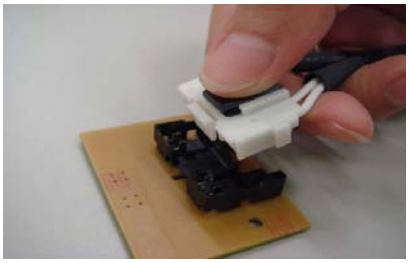
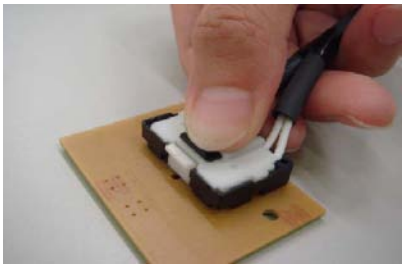
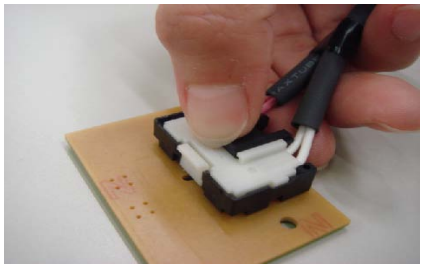
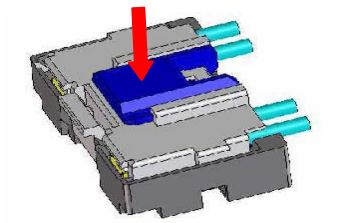
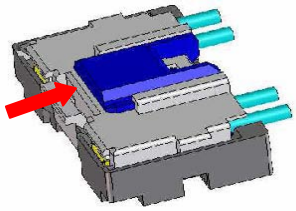
Whilst working on this product, it is not recommended to lay the TV set face down when powered up, as this can result in panel problems. If it is necessary to power up the TV set when face down, the time should be minimised as much as possible.

CAUTION

1. MDF-61 Connector (Removal)

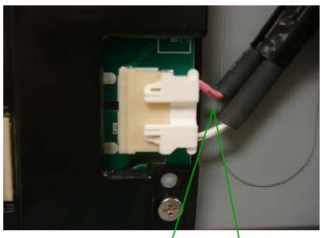
		
		
Slide the slider to release slider lock.	Press the centre lock tab to release the lock and pull the connector up	Remove connector

2. MDF-61 Connector (Refiitting)

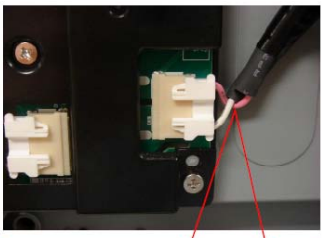
		
		
Hold the centre of connector	Press centre of connector to insert	Slide the slider to lock connector

3. The harness must not be crossed or twisted

BALANCER BOARD SIDE

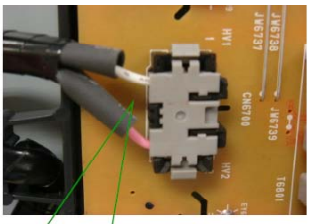


OK
PINK AND WHITE CABLES ARE NOT TWISTED

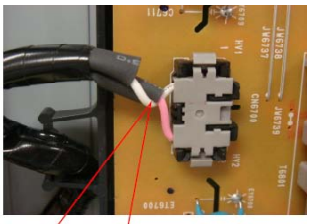


NG
PINK AND WHITE CABLES MUST NOT BE TWISTED

INVERTER BOARD SIDE

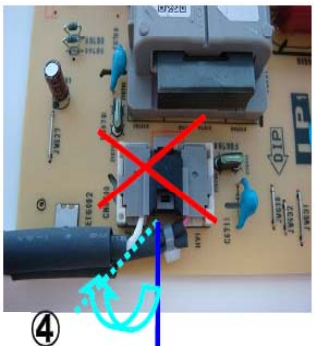


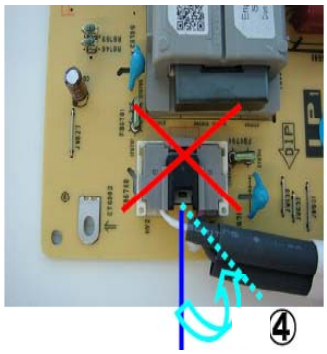
OK
PINK AND WHITE CABLES ARE NOT TWISTED



NG
PINK AND WHITE CABLES MUST NOT BE TWISTED

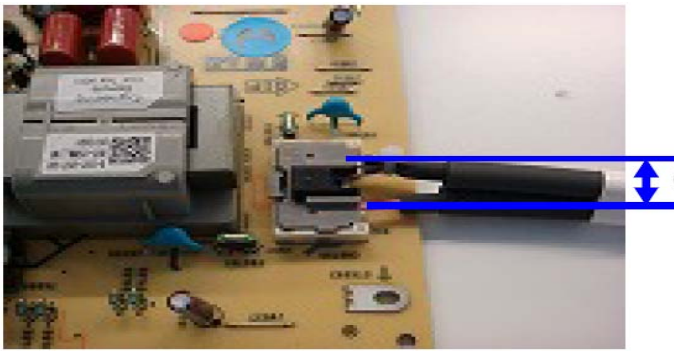
4. Wire Dressing at connector





The harness must not bend more than 45 degrees from the direction of the connector base to avoid crossing or twisting.

5. Wire distance at connector



The distance between each wire must be wider than 4mm to ensure isolation from lamp voltage.

SPECIFICATIONS

Model name		KDL-52V58xx, 52W58xx	KDL-46V58xx, 46W58xx	KDL-40V58xx, 40W58xx	KDL-37V58xx, 37W58xx	KDL-32V58xx, 32W58xx
Power and others						
Power requirements		220 V – 240 V AC, 50 Hz				
Screen size (measured diagonally)		52 inches / Approx. 132 cm	46 inches / Approx. 117 cm	40 inches / Approx. 102 cm	37 inches / Approx. 94 cm	32 inches / Approx. 81 cm
Display resolution		1,920 dots (horizontal) × 1,080 lines (vertical)				
Power consumption	in “Home”/ “Standard” mode	156 W (KDL-52V58xx) 164 W (KDL-52W58xx)	123 W (KDL-46V58xx) 142 W (KDL-46W58xx)	111 W (KDL-40V58xx) 110 W (KDL-40W58xx)	112 W (KDL-37V58xx) 117 W (KDL-37W58xx)	77 W (KDL-32V58xx) 71 W (KDL-32W58xx)
	in “Shop”/ “Vivid” mode	254 W (KDL-52V58xx) 261 W (KDL-52W58xx)	203 W (KDL-46V58xx) 221 W (KDL-46W58xx)	177 W (KDL-40V58xx) 172 W (KDL-40W58xx)	169 W (KDL-37V58xx) 179 W (KDL-37W58xx)	109 W (KDL-32V58xx) 99 W (KDL-32W58xx)
Standby power consumption*		0.17 W (17 W when “Quick Start” is set to “On”)				

Model name	KDL-52V58xx, 52W58xx	KDL-46V58xx, 46W58xx	KDL-40V58xx, 40W58xx	KDL-37V58xx, 37W58xx	KDL-32V58xx, 32W58xx
Dimensions (Approx.) (w × h × d)					
with Table-Top Stand	126.2 x 86.9 x 35.8 cm (KDL-52V58xx) 126.2 x 87.1 x 35.8 cm (KDL-52W58xx)	112.3 x 77.1 x 33.0 cm (KDL-46V58xx) 112.3 x 77.2 x 33.0 cm (KDL-46W58xx)	98.7 x 68.4 x 30.3 cm (KDL-40V58xx) 98.7 x 68.6 x 30.3 cm (KDL-40W58xx)	91.7 x 64.8 x 30.3 cm (KDL-37V58xx) 91.7 x 64.9 x 30.3 cm (KDL-37W58xx)	79.8 x 58.4 x 25.9 cm (KDL-32V58xx) 79.8 x 58.5 x 25.9 cm (KDL-32W58xx)
without Table-Top Stand	126.2 x 82.2 x 11.5 cm (KDL-52V58xx) 126.2 x 82.3 x 11.5 cm (KDL-52W58xx)	112.3 x 72.3 x 9.6 cm (KDL-46V58xx) 112.3 x 72.5 x 9.6 cm (KDL-46W58xx)	98.7 x 63.6 x 9.3 cm (KDL-40V58xx) 98.7 x 63.8 x 9.3 cm (KDL-40W58xx)	91.7 x 60.0 x 9.1 cm (KDL-37V58xx) 91.7 x 60.2 x 9.1 cm (KDL-37W58xx)	79.8 x 53.6 x 8.9 cm (KDL-32V58xx) 79.8 x 53.7 x 8.9 cm (KDL-32W58xx)
Mass (Approx.)					
with Table-Top Stand	35.0 kg (KDL-52V58xx) 35.5 kg (KDL-52W58xx)	27.0 kg (KDL-46V58xx) 27.5 kg (KDL-46W58xx)	20.5 kg (KDL-40V58xx) 21.0 kg (KDL-40W58xx)	18.0 kg (KDL-37V58xx) 18.5 kg (KDL-37W58xx)	14.5 kg (KDL-32V58xx) 15.0 kg (KDL-32W58xx)
without Table-Top Stand	30.5 kg (KDL-52V58xx) 31.0 kg (KDL-52W58xx)	23.5 kg (KDL-46V58xx) 24.0 kg (KDL-46W58xx)	17.5 kg (KDL-40V58xx) 18.0 kg (KDL-40W58xx)	15.0 kg (KDL-37V58xx) 15.5 kg (KDL-37W58xx)	12.0 kg (KDL-32V58xx) 12.5 kg (KDL-32W58xx)

*Specified standby power is reached after the TV finishes necessary internal processes.

Design and specifications are subject to change without notice.

System	
Panel system	LCD (Liquid Crystal Display) Panel
TV system	Analogue: Depending on your country/area selection: B/G/H, D/K, L, I Digital: DVB-T/DVB-C Satellite: DVB-S/DVB-S2
Colour/video system	Analogue: PAL, PAL60 (only video input), SECAM, NTSC3.58, NTSC4.43 (only video input) Digital: MPEG-2 MP@ML/HL, H.264/MPEG-4 AVC MP/HP@L4
Channel coverage	Analogue: VHF: E2–E12/UHF: E21–E69/CATV: S1–S20/HYPER: S21–S41 D/K: R1–R12, R21–R69/L: F2–F10, B–Q, F21–F69/I: UHF B21–B69 Digital: VHF/UHF Satellite: IF Frequency 950-2150 MHz
Sound output	10 W + 10 W
Input/Output jacks	
Aerial/Antenna cable	75 ohm external terminal for VHF/UHF
Satellite antenna	Female F-Type Connector IEC169-24, 75 ohm. DiSEqC 1.0, LNB 13V/18V & 22KHz tone
/AV1	21-pin scart connector (CENELEC standard) including audio/video input, RGB input and TV audio/video output.
/S AV2	21-pin scart connector (CENELEC standard) including audio/video input, RGB input and selectable audio/video output.
COMPONENT IN	Supported formats: 1080p, 1080i, 720p, 576p, 576i, 480p, 480i Y: 1 Vp-p, 75 ohms, 0.3V negative sync/PB/CB: 0.7 Vp-p, 75 ohms/ PR/CR: 0.7 Vp-p, 75 ohms
COMPONENT IN	Audio input (phono jacks)
HDMI IN1, 2, 3, 4	Video: 1080/24p, 1080p, 1080i, 720p, 576p, 576i, 480p, 480i Audio: Two channel linear PCM: 32, 44.1 and 48 kHz, 16, 20 and 24 bits, Dolby Digital Analogue audio input (minijack) (HDMI IN1 only) PC Input (See below)
AV3	Video input (phono jack)
AV3	Audio input (phono jacks)
DIGITAL AUDIO OUT (OPTICAL)	Digital optical jack (Two channel linear PCM, Dolby Digital)
	Audio output (phono jacks)
PC IN	PC Input (D-sub 15-pin) (See below) G: 0.7 Vp-p, 75 ohms, non Sync on Green/B: 0.7 Vp-p, 75 ohms/ R: 0.7 Vp-p, 75 ohms/HD: 1-5 Vp-p/VD: 1-5 Vp-p PC audio input (minijack)
	USB port
	Headphones jack
	CAM (Conditional Access Module) slot
LAN	10BASE-T/100BASE-TX connector (Depending on the operating environment of the network, connection speed may differ. 10BASE-T/100BASE-TX communication rate and communication quality are not guaranteed for this TV.)

PC input signal reference chart for PC and HDMI IN 1, 2, 3, 4

Resolution				*Horizontal frequency (kHz)*	*Vertical frequency (Hz)*	*Standard*
Signals	*Horizontal (Pixel)*	×	*Vertical (Line)*			
VGA	**640**	×	**480**	**31.5**	**60**	**VESA**
	640	×	480	37.5	75	VESA
	720	×	400	31.5	70	VESA
SVGA	**800**	×	**600**	**37.9**	**60**	**VESA**
	800	×	600	46.9	75	VESA
XGA	**1024**	×	**768**	**48.4**	**60**	**VESA**
	1024	×	768	56.5	70	VESA
	1024	×	768	60.0	75	VESA
WXGA	**1280**	×	**720**	**45.0**	**60**	**EIA**
	1280	×	**768**	**47.4**	**60**	**VESA**
	1280	×	**768**	**47.8**	**60**	**VESA**
	1280	×	**960**	**60.0**	**60**	**VESA**
	1360	×	**768**	**47.7**	**60**	**VESA**
SXGA	**1280**	×	**1024**	**64.0**	**60**	**VESA**
HDTV	**1920**	×	**1080**	**66.6**	**60**	**VESA***
	1920	×	**1080**	**67.5**	**60**	**EIA***

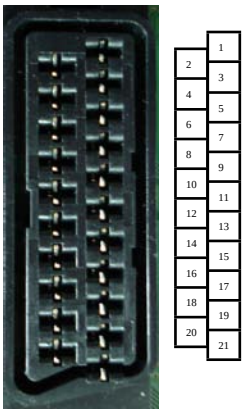
* 1080p timing when applied to the HDMI input will be treated as a video timing and not a PC timing. This affects the “Video Settings” menu and “Screen” menu settings.
To view PC contents, set “Screen Format” to “Wide” and “Display Area” to “Full Pixel”.

~

- This TV’s PC input does not support Sync on Green or Composite Sync.
- This TV’s PC input does not support interlaced signals.
- For the best picture quality, it is recommended to use the signals in the above chart with a 60 Hz vertical frequency (boldfaced).

CONNECTORS

21 Pin Connector (SCART)

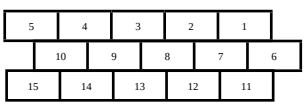


Pin No	AV-1	AV-2	Signal	Signal Level
1	•	•	Audio Output B (Right)	Standard Level: 0.5V rms Impedance: less than 1KΩ*
2	•	•	Audio Input B (Right)	Standard Level: 0.5V rms Impedance: more than 10KΩ*
3	•	•	Audio Output A (Left)	Standard Level: 0.5V rms Impedance: less than 1KΩ*
4	•	•	Ground (Audio)	
5	•	•	Ground (Blue)	
6	•	•	Audio Input A (Left)	Standard Level: 0.5V rms Impedance: more than 10KΩ*
7	•	•	Blue Input	0.7V +/- 3dB, 75Ω, positive
8	•	•	Function Select (AV control)	High State (9.5~12V): AV mode Low State (0~2V): TV mode Impedance: more than 10KΩ* Capacitance: less than 2nF
9	•	•	Ground (Green)	
10	-	•	AV Link	
11	•	•	Green Input	0.7V +/- 3dB, 75Ω, positive
12	-	•	Open	
13	•	•	Ground (Red)	
14	•	•	Ground (Blanking)	
15	•	•	Red Input	0.7V +/- 3dB, 75Ω, positive
	•	•	S signal Chroma Input	0.3V +/-3dB, 75Ω, positive
16	•	•	Blanking Input (Y Signal)	High State (1~3V) Low State (0~0.4V) Impedance: 75Ω
17	•	•	Ground (Video Output)	
18	•	•	Ground (Video Input)	
19	•	•	Video Output	1V +/-3dB, positive sync 0.3V (-3+10dB)
20	•	•	Video Input	1V +/-3dB, positive sync 0.3V (-3+10dB)
	•	•	Video Input Y (S Signal)	1V +/-3dB, positive sync 0.3V (-3+10dB)
21	•	•	Common Ground (Shield)	

HDMI Connector

Pin No	Signal Assignment	Pin No	Signal Assignment
1	TMDS Data2+	11	TDMS Clock Shield
2	TMDS Data2 Shield	12	TMDS Clock-
3	TMDS Data2-	13	CEC
4	TMDS Data1+	14	Reserved (N.C. on device)
5	TMDS Data1 Shield	15	SCL
6	TMDS Data1-	16	SDA
7	TMDS Data0+	17	DDC/CEC Ground
8	TMDS Data0 Shield	18	+5V power
9	TMDS Data0-	19	Hot Plug Detect
10	TMDS Clock+		

15 Pin D Sub Connector (PC)



Pin No	Signal Assignment	Pin No	Signal Assignment	Pin No	Signal Assignment
1	Red Output	6	Red Return	11	Monitor IDO in display
2	Green Output	7	Green Return (Ground)	12	DCC Serial Data
3	Blue Output	8	Blue Return (Ground)	13	Horizontal Sync
4	Unused	9	+5V DC	14	Vertical Sync
5	Ground	10	Sync Return (Ground)	15	DCC Serial Clock

EX2L SELF DIAGNOSTIC SOFTWARE

The identification of errors within the EX2L chassis is triggered in one of two ways :- 1: Busy or 2: Device failure to respond to IIC. In the event of one of these situations arising the software will first try to release the bus if busy (Failure to do so will report with a continuous flashing LED) and then communicate with each device in turn to establish if a device is faulty. If a device is found to be faulty the relevant device number will be displayed through the LED (Series of flashes which must be counted).

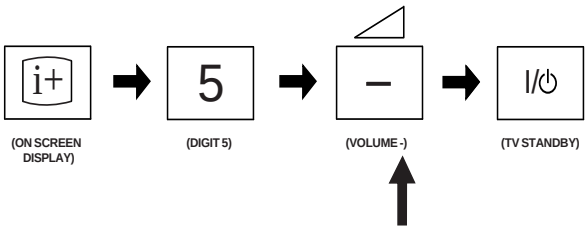
LED Error Codes and Descriptions

Number of LED Flashes	Error Description	Error (Comp Ref.)
02	Main Power Error	Pwr_Err
05	DC_ALERT3	DC_Alt
06	Backlight Error	Bck_Lgt
07	Thermal Error	Temp_Err
08	Audio Error	Aud_Err
10	Digital FE/BE Error	Dig_Err
12	HFR Error (Tcon)	Hfr_Err
13	Balancer Error	Bal_Err
14	Tcon Error	Tcn_Err

Self Diagnostic Screen Display

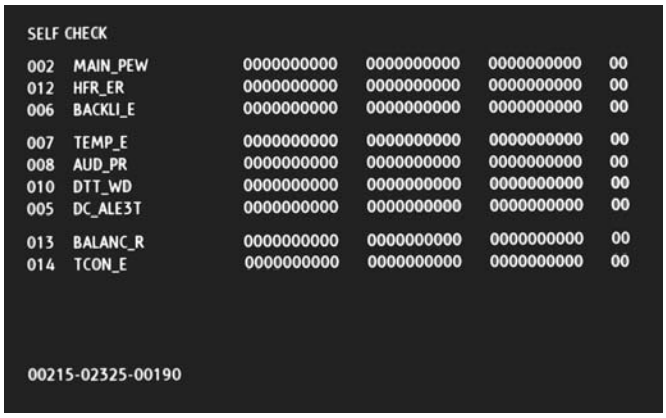
To bring up the self diagnostic screen display

In standby mode, press the following buttons on the remote commander sequentially in rapid sucession as shown below:



Note that this differs from entering the service mode (Volume [+])

The following menu appears as shown below:



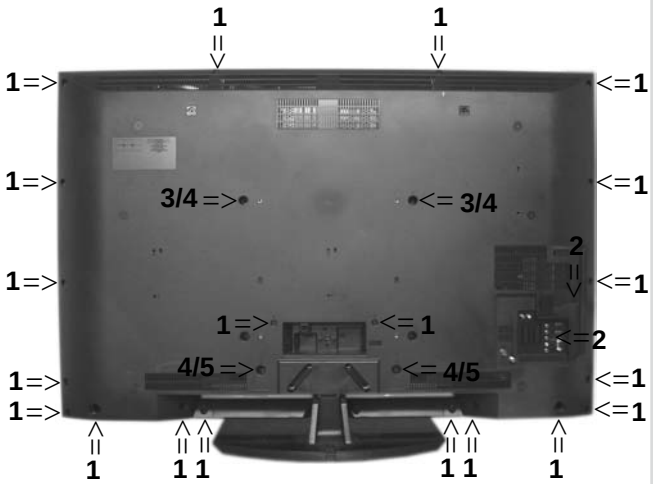
WORKING TIME (BOTTOM LEFT CORNER)
xxxxx-yyyyy-zzzzzz(e.g. 00215-02325-00190)

1. xxxxx = Total Operation time
   Working time Stby+ Power On
2. yyyyy = Boot count
   Power on / off / Stby operations
3. zzzzz = Working Hours (Panel)
   Panel working time (backlight is on)

To exit the “Self Diagnostic Screen Display” please turn the TV set off and then on again.

SECTION 2 DISASSEMBLY

2-1. Rear Cover Removal (Step 1)

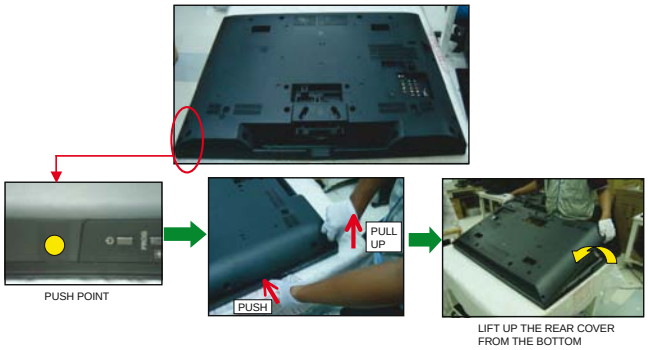


Remove the rear cover fixing screws indicated and then push the 'Rear Cover' in by the side controls whilst lifting the 'Rear Cover' up from the bottom (See Step 2).

Screw Part number(s) and Description(s)

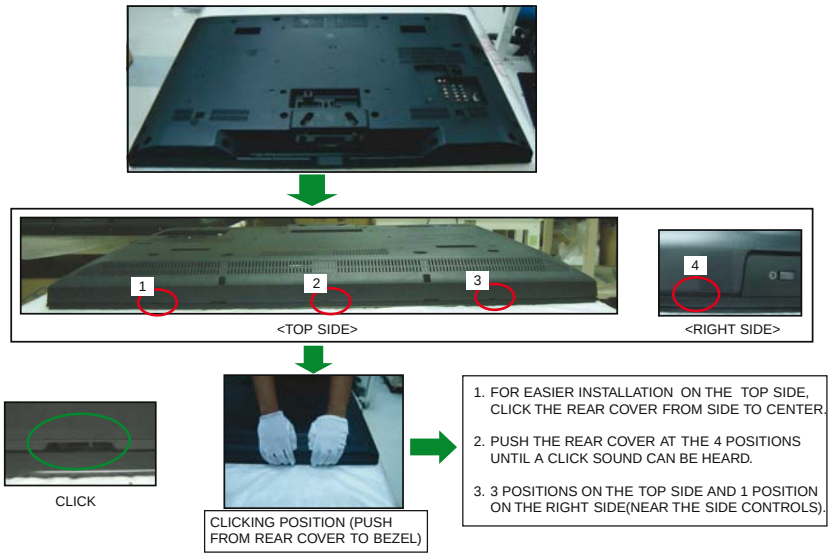
1) 2-580-640-01	SCREW, +BVTP2 4X16	(32" = 15pcs, 37" = 17pcs 40" = 18pcs, 46/52" = 20pcs)
2) 7-685-648-79	SCREW, +BVTP 3X12	(32/37/40/46/52" = 2pcs)
3) 2-580-600-01	SCREW, +PSW M4X8	(32" = 2pcs)
4) 2-580-602-01	SCREW, +PSW M4X12	(37/40/46" = 4pcs, 52" = 2pcs))
5) 2-580-606-01	SCREW, +PSW M5X8	(52" = 2pcs)

2-2. Rear Cover Removal (Step 2)



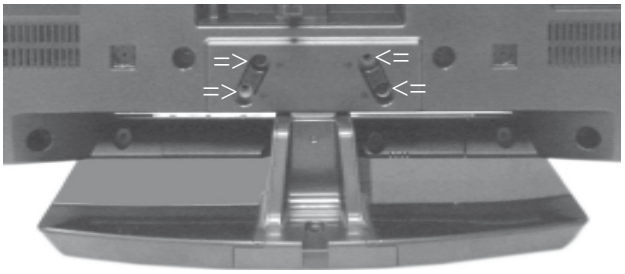
To remove the 'Rear Cover' push the 'Rear Cover' in by the side controls whilst lifting the 'Rear Cover' up from the bottom.

2-3. Rear Cover Installation


1
2
3
<TOP SIDE>
4
<RIGHT SIDE>
CLICK
CLICKING POSITION (PUSH FROM REAR COVER TO BEZEL)
1. FOR EASIER INSTALLATION ON THE TOP SIDE, CLICK THE REAR COVER FROM SIDE TO CENTER.
2. PUSH THE REAR COVER AT THE 4 POSITIONS UNTIL A CLICK SOUND CAN BE HEARD.
3. 3 POSITIONS ON THE TOP SIDE AND 1 POSITION ON THE RIGHT SIDE(NEAR THE SIDE CONTROLS).

To install the 'Rear Cover' push the 4 positions indicated until a clicking sound can be heard. To ease installation on the top side of the 'Rear Cover' work from the sides in.

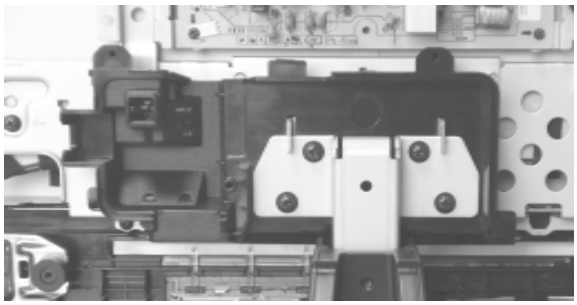
2-4. Stand Assy Removal



Remove the 4 stand fixing screws indicated and lift the TV set up and away from the 'Stand Assy'.

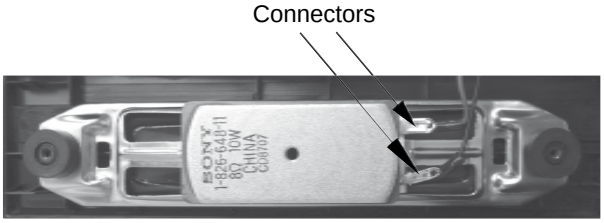
Screw Part number(s) and Description(s)
1) 2-580-608-01 SCREW, +PSW M5X16

2-5. Under Cover Removal



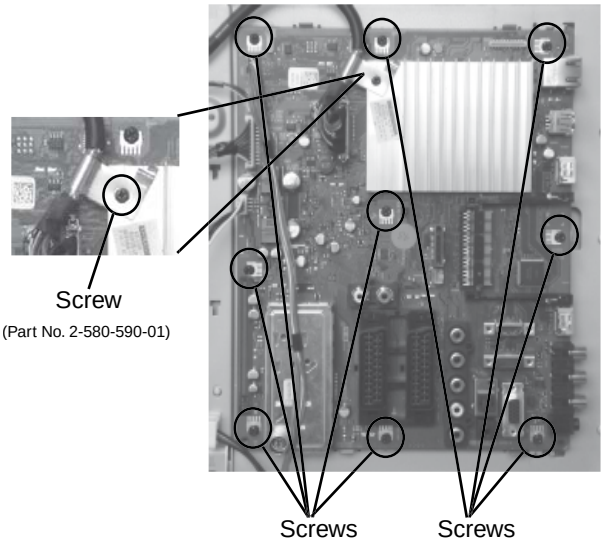
To remove the 'Under Cover' first remove the 'Rear Cover' (See Sec 2-2-1) and then the 'Stand Assy' (See Sec 2-2-4). The 'Under Cover' can then be gently pulled away from the back of the TV set.

2-6. Loudspeaker Removal



To remove the 'Loudspeaker' first remove the 'Rear Cover' (See Sec 2-2-1). Disconnect the 'Loudspeaker' connectors and pull the 'Loudspeaker' gently away from the back of the TV set.

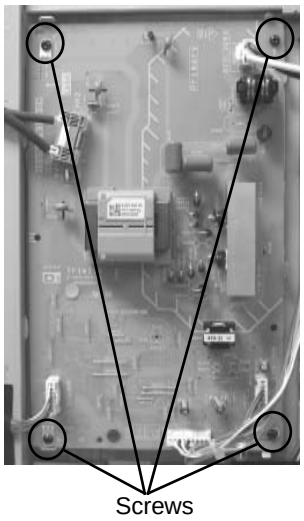
2-7. BA Board Removal



To remove the 'BA' board remove the 1 screw securing the cable clip, disconnect all connectors and then remove the 9 screws circled and ease the board gently away from the back of the TV set.

Screw Part number(s) and Description(s)
2-580-629-01 SCREW, +BVST 3X8

2-8. D5N Board Removal (52 inches)

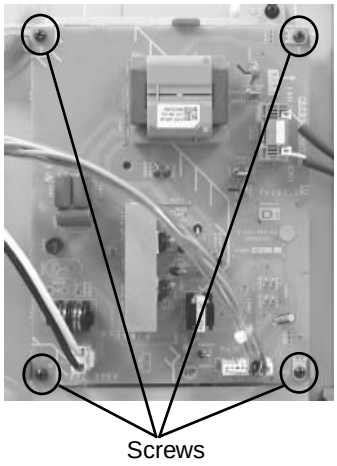


To remove the ‘D5N’ board disconnect all connectors and then remove the 4 screws circled and ease the board gently away from the back of the TV set.

Note: Refer to page 4 - Hirose MDF61 connector.

Screw Part number(s) and Description(s)
2-580-629-01 SCREW, +BVST 3X8

2-9. D6N Board Removal (52 inches)

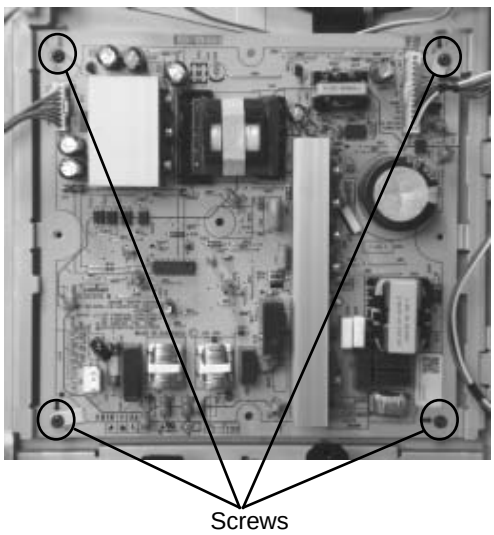


To remove the ‘D6N’ board disconnect all connectors and then remove the 4 screws circled and ease the board gently away from the back of the TV set.

Note: Refer to page 4 - Hirose MDF61 connector.

Screw Part number(s) and Description(s)
2-580-629-01 SCREW, +BVST 3X8

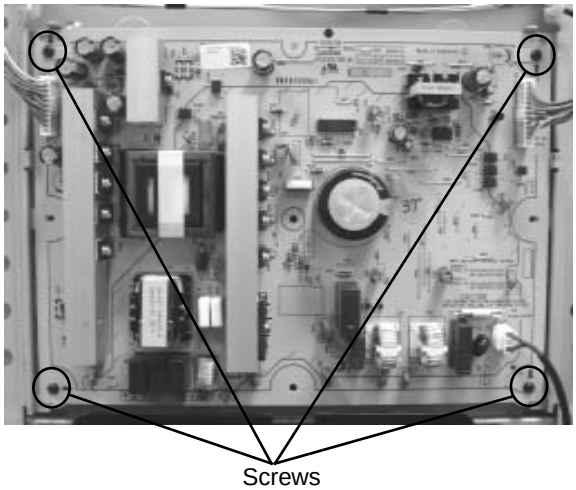
2-10. G2 Board Removal (32 inches)



To remove the ‘G2’ board disconnect all the connectors and remove the 4 screws circled, then ease the board gently away from the back of the TV set.

Screw Part number(s) and Description(s)
2-580-629-01 SCREW, +BVST 3X8

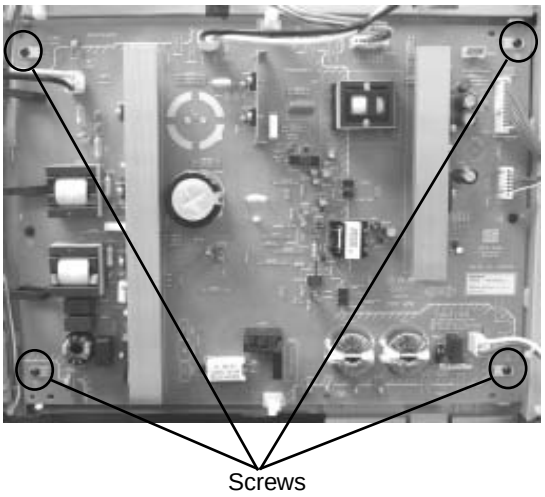
2-11. G4 Board Removal (37 inches)



To remove the ‘G4’ board disconnect all the connectors and remove the 4 screws circled, then ease the board gently away from the back of the TV set.

Screw Part number(s) and Description(s)
2-580-629-01 SCREW, +BVST 3X8

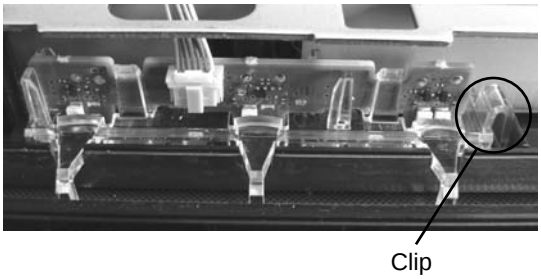
2-12. G5 Board Removal (52 inches)



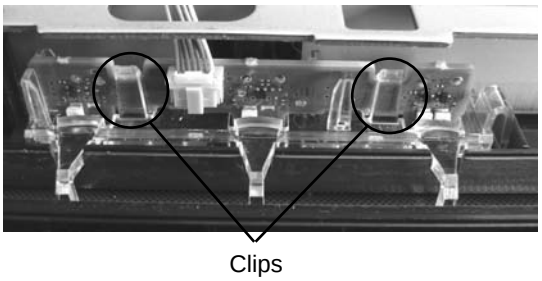
To remove the ‘G5’ board disconnect all the connectors and remove the 4 screws circled, then ease the board gently away from the back of the TV set.

Screw Part number(s) and Description(s)
2-580-629-01 SCREW, +BVST 3X8

2-13. HL4A Board Removal

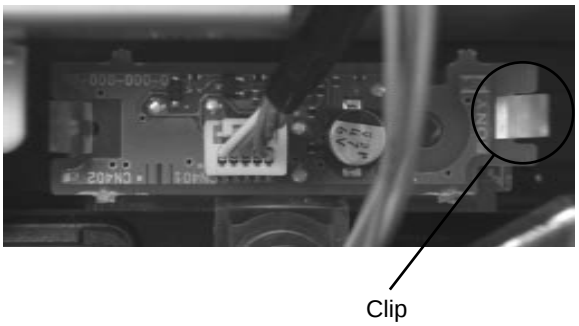


To remove the ‘HL4A’ board first remove the ‘Rear Cover’ (See Sec 2-2-1) the Stand Assy (See Sec 2-2-4) and then the ‘Under Cover’ (See Sec 2-2-5). The ‘Guide, Led’ can then be removed by disconnecting the 1 connector and releasing the 1 clip circled.



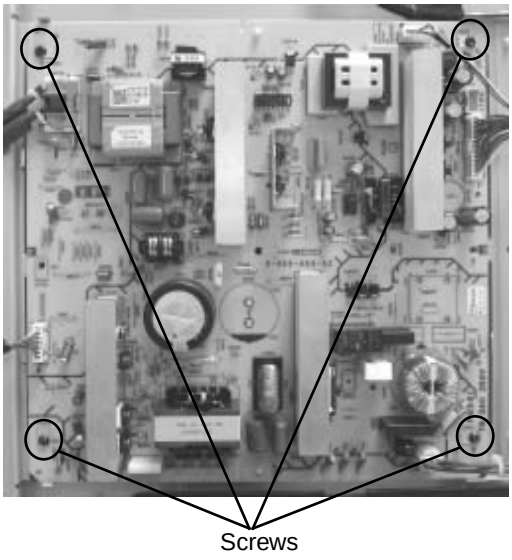
The ‘HL4A’ board can then be removed by releasing the 2 clips circled.

2-14. HSN Board Removal



To remove the ‘HSN’ board disconnect the 1 connector and release the 1 clip circled, then ease the board gently away from the back of the TV set.

2-15. IP1 Board Removal (40 inches)

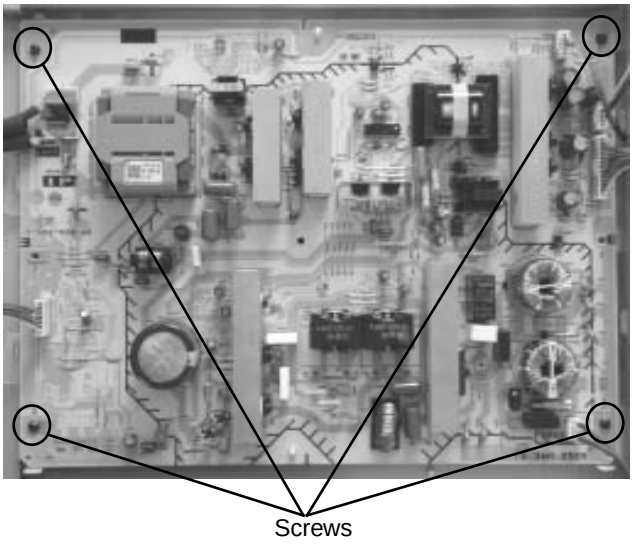


To remove the ‘IP1’ board disconnect all connectors and then remove the 4 screws circled and ease the board gently away from the back of the TV set.

Note: Refer to page 4 - Hirose MDF61 connector.

Screw Part number(s) and Description(s)
2-580-629-01 SCREW, +BVST 3X8

2-16. IP2 Board Removal (46 inches)

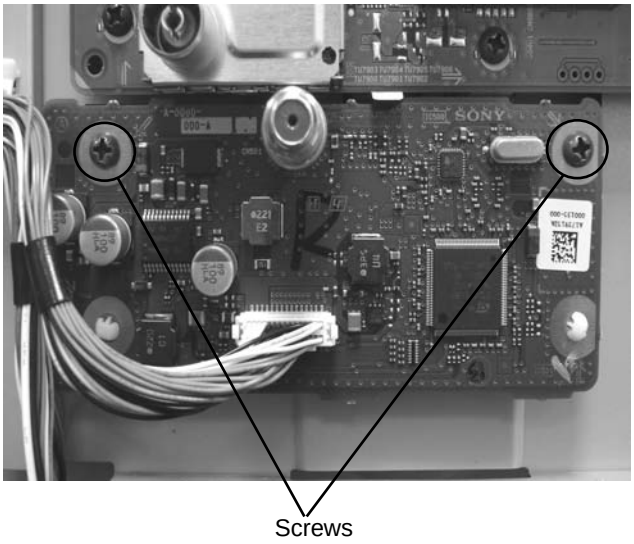


To remove the 'IP2' board disconnect all connectors and then remove the 4 screws circled and ease the board gently away from the back of the TV set.

Note: Refer to page 4 - Hirose MDF61 connector.

Screw Part number(s) and Description(s)
2-580-629-01 SCREW, +BVST 3X8

2-17. TUS Board Removal



To remove the 'TUS' board disconnect the 1 connector and then remove the 2 screws circled and ease the board gently away from the back of the TV set.

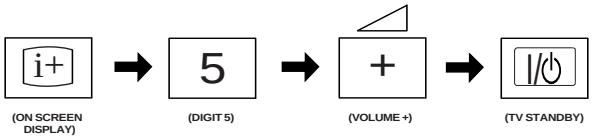
Screw Part number(s) and Description(s)
2-580-592-01 SCREW, +PSW M3X8

SECTION 3 SERVICE MENUS

3-1. How to enter the Service Mode

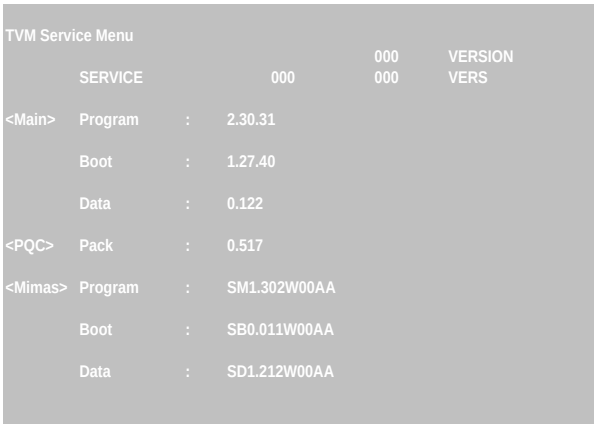
Service adjustments to this model can be performed using the supplied Remote Commander (See front cover).

1. Turn on the power to the TV set and enter into the stand-by mode.
2. Press the following sequence of buttons on the Remote Commander.



3. The TVM menu appears on the screen (See Pic.1).

Pic.1



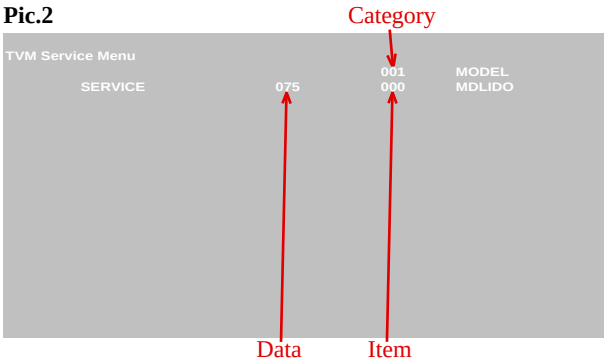
Note :

After carrying out the service adjustments, to prevent the customer accessing the 'Service Menu' switch the TV set OFF and then ON.

3-2. Changing TVM Data Settings

1. Press "2 / 5" on the remote commander to select (up / down) category (See Pic.2).
2. Press "1 / 4" on the remote commander to select (up / down) item (See Pic.2).
3. Press "3 / 6" on the remote commander to select (up / down) data (See Pic.2).

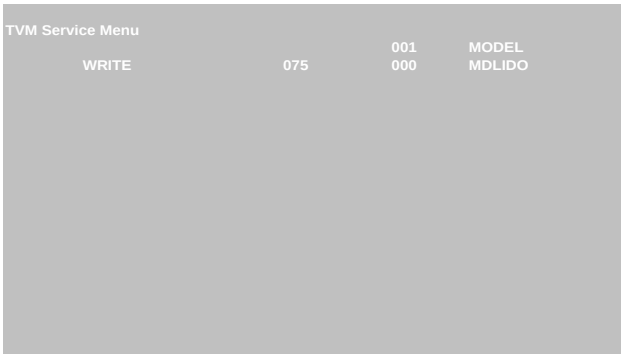
Pic.2



3-3. Writing TVM Data

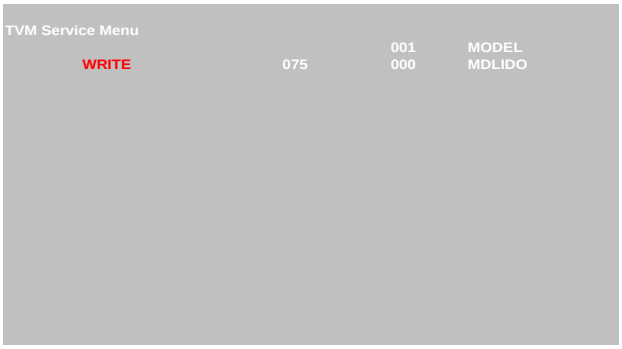
1. Press "Mute" on the remote commander. The word "SERVICE" changes to "WRITE" (See Pic.3).

Pic.3



2. Press "0" on the remote commander. The word "WRITE" changes to red. This indicates writing is in progess. (See Pic.4).

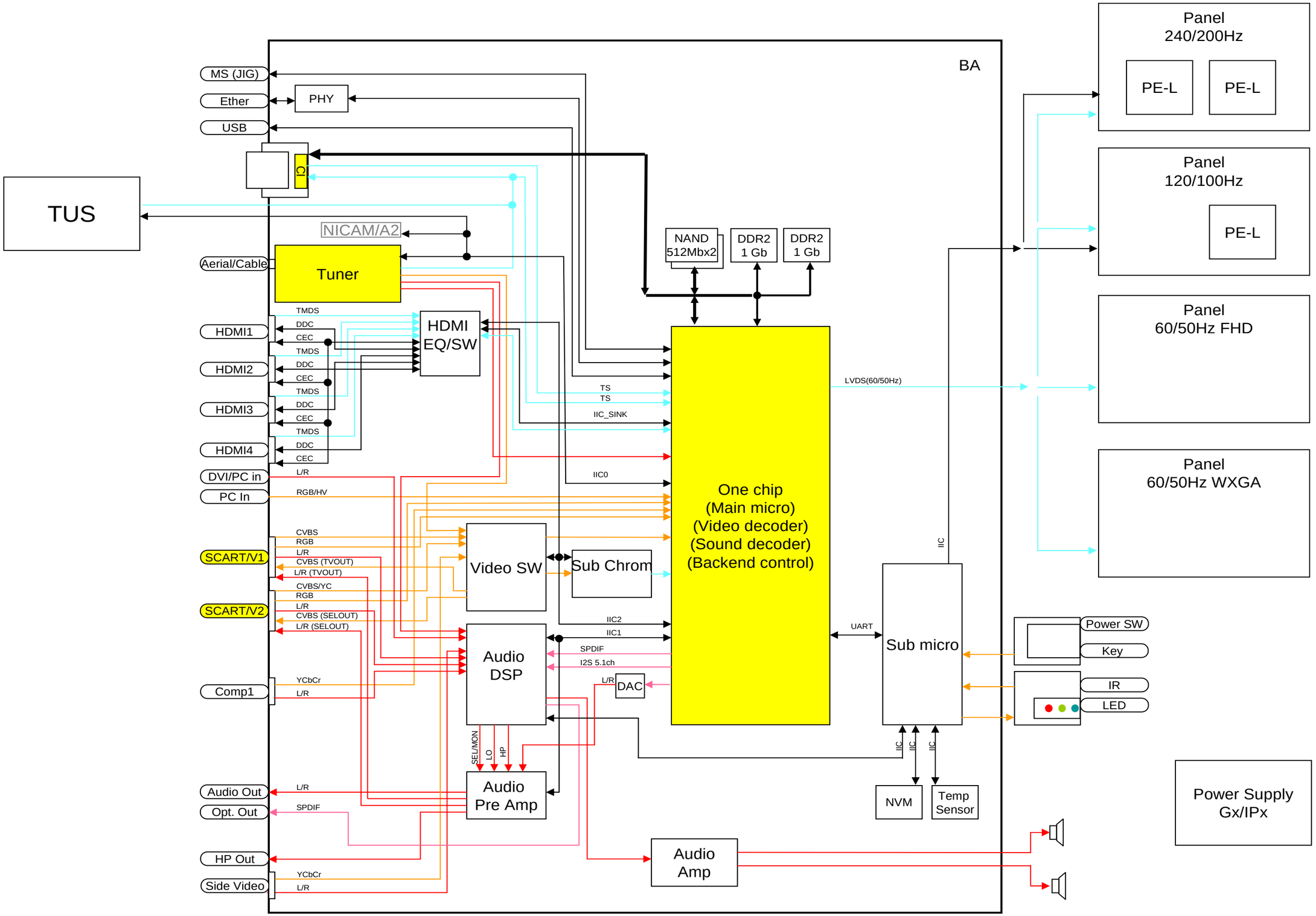
Pic.4



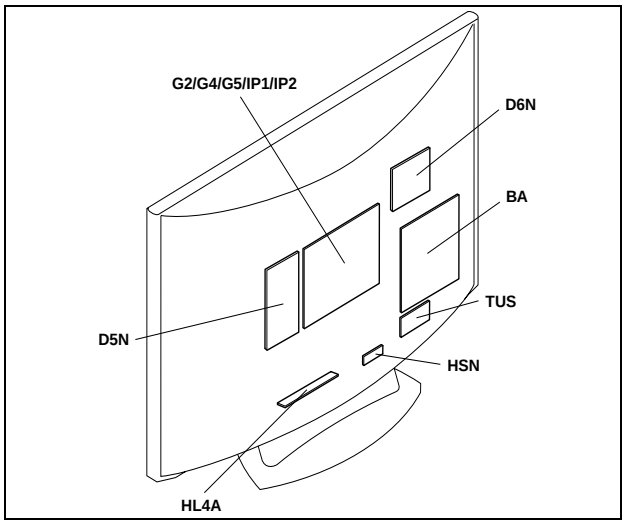
3. When red "WRITE" changes to green "SERVICE". This indicates writing is complete. (See Pic.5).

Pic.5

4-1. BLOCK DIAGRAM



4-2. CIRCUIT BOARD LOCATION



4-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

Note :

- All capacitors are in µF unless otherwise noted.
- pF : µµF 50WV or less are not indicated except for electrolytic types.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5mm
Electrical power rating : 1/4W

- Chip resistors are 1/10W
- All resistors are in ohms.
  k = 1000 ohms, M = 1000,000 ohms
- : nonflammable resistor.
- : fusible resistor.
- : internal component.
- : panel designation or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- All voltages are in Volts.
- Readings are taken with a 10Mohm digital mutimeter.
- Readings are taken with a color bar input signal.
- Voltage variations may be noted due to normal production tolerences.
- : B + bus.
- : B - bus.
- : RF signal path.
- : earth - ground.
- : earth - chassis.

Reference Information

RESISTOR	**RN**	: METAL FILM
	RC	: SOLID
	FPRD	: NON FLAMMABLE CARBON
	FUSE	: NON FLAMMABLE FUSIBLE
	RS	: NON FLAMMABLE METAL OXIDE
	RB	: NON FLAMMABLE CEMENT
	RW	: NON FLAMMABLE WIREWOUND
		: ADJUSTMENT RESISTOR
COIL	**LF-8L**	: MICRO INDUCTOR
CAPACITOR	**TA**	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

Note : Les composants identifiés par une trame et par une marque ⚠ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié. specified.

Note : The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

NOTE: The G2, G4 and G5 boards are not Sony boards so their schematic diagrams and printed wiring boards are not shown in this Service Manual. Schematic diagrams are for reference only. Please refer to the electrical parts list for the correct value and part number of components.

BA 1/18 TUNER, MAIN MICROCONTROLLER, HDMI/AV SIDE/PC INPUT, SCARTS

HDMI1 input A TOP

HDMI2 input B TOP

HDMI4 input C SIDE

HDMI3 input D SIDE

IC7600 CXB1441TR-T6

TO HDMI JACK

TO MAIN MAICON

CEC

BA-EX2L

BA 2/18

AV1/ VIDEO3

AV2/ VIDEO1

RF YC:Digital CV:Analog

Video SW

IC4200
CXA2241Q-T4

SIDE_CVBS

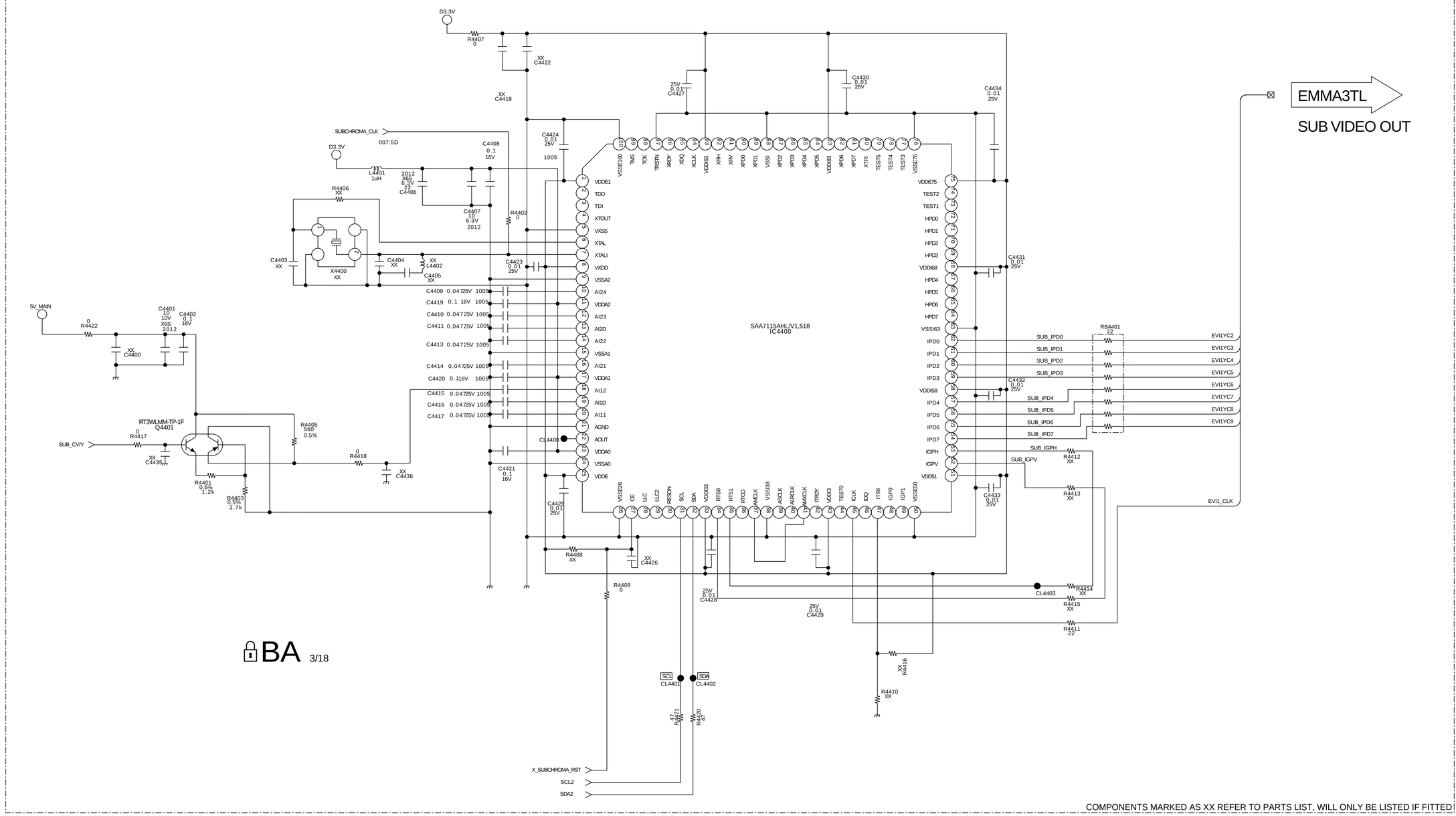
Digital_RF

Portion9

*IC2001
MC-10144F1-410-LU2-A

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

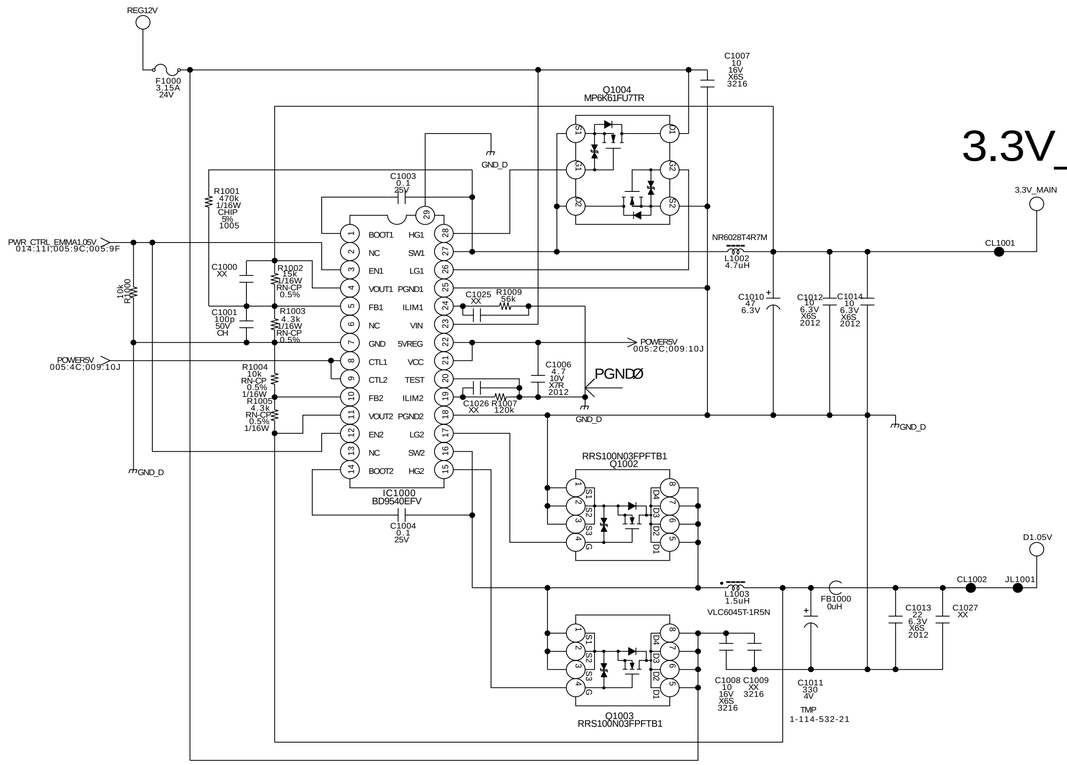
BA-EX2L



BA 3/18

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

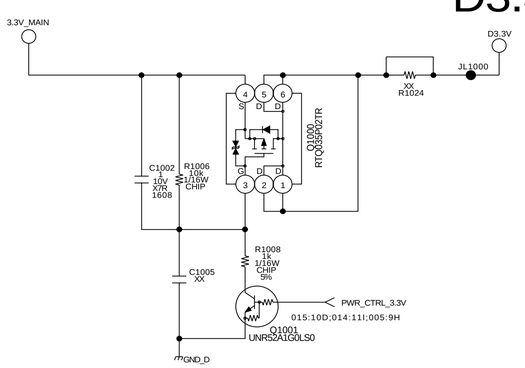
REG12V



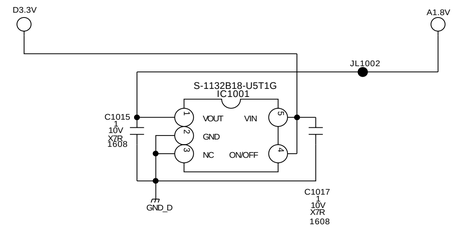
3.3V_MAIN

D1.05V

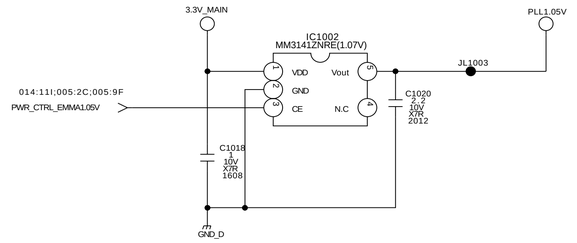
D3.3V



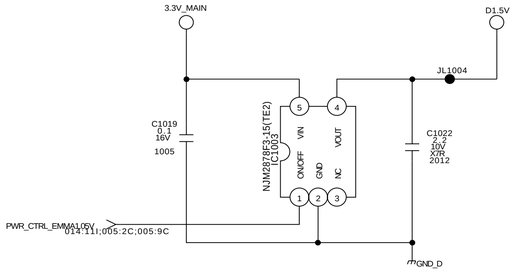
A1.8V



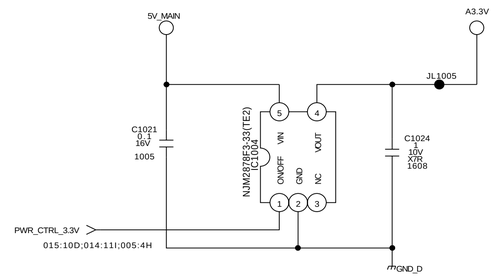
PLL1.05V



D1.5V



A3.3V



BA 4/18

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BA-EX2L

BA 5/18

Portion 7

*IC2001
MC-10144F1-410-LU2-A

Portion 1

*IC2001
MC-10144F1-410-LU2-A

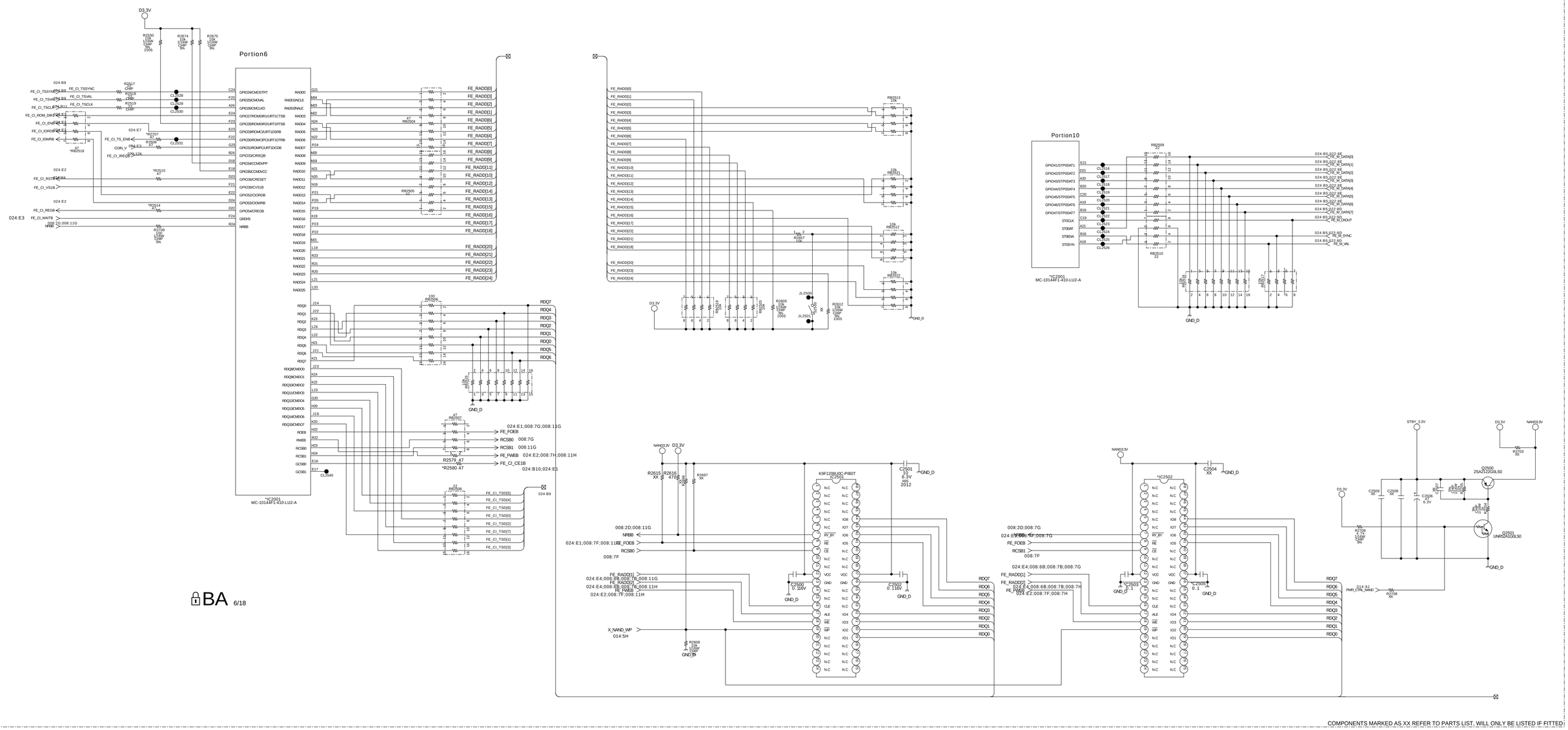
Portion 3

*IC2001
MC-10144F1-410-LU2-A

Mount Mecha A2000	412762101	

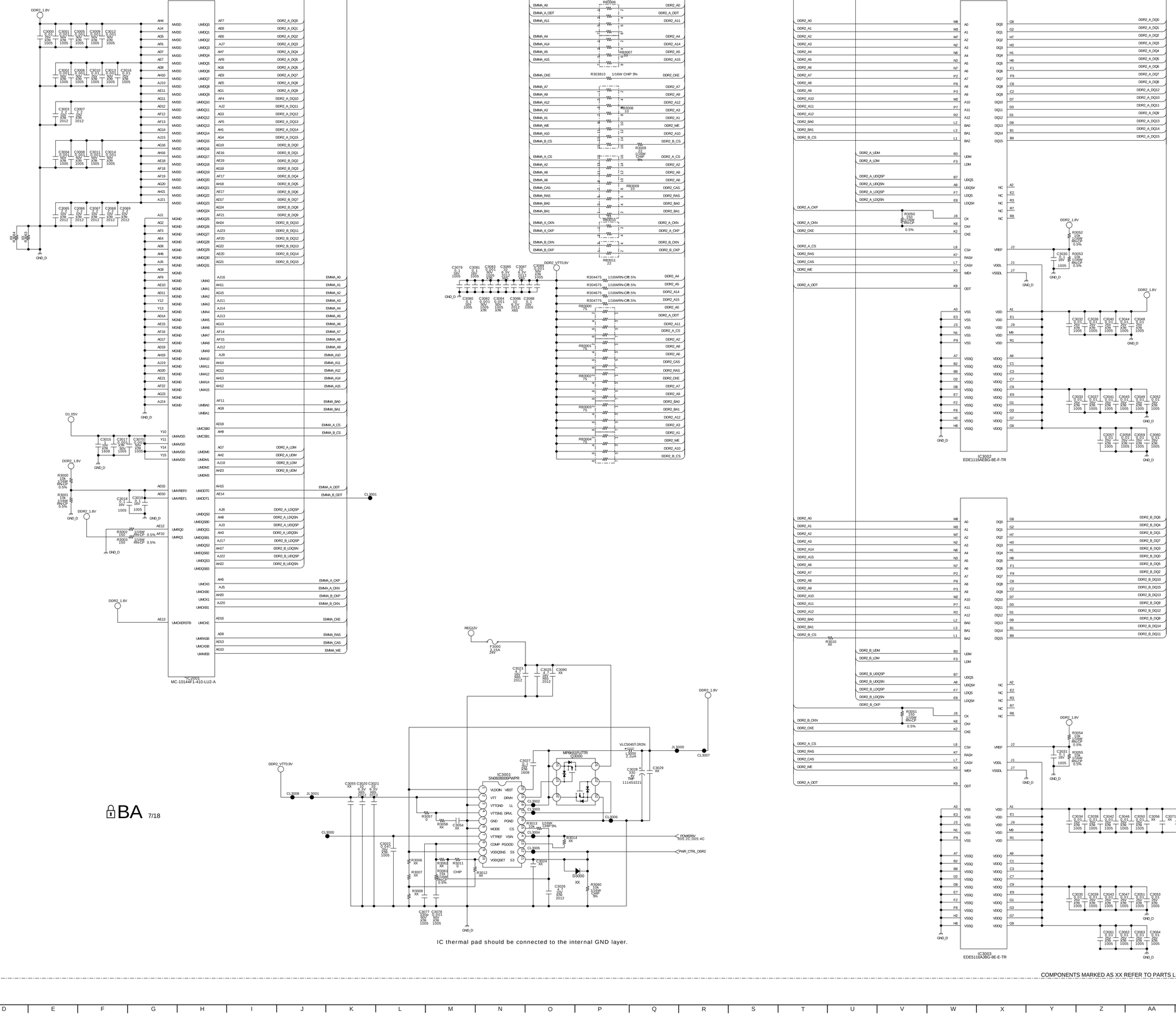
COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BA-EX2L

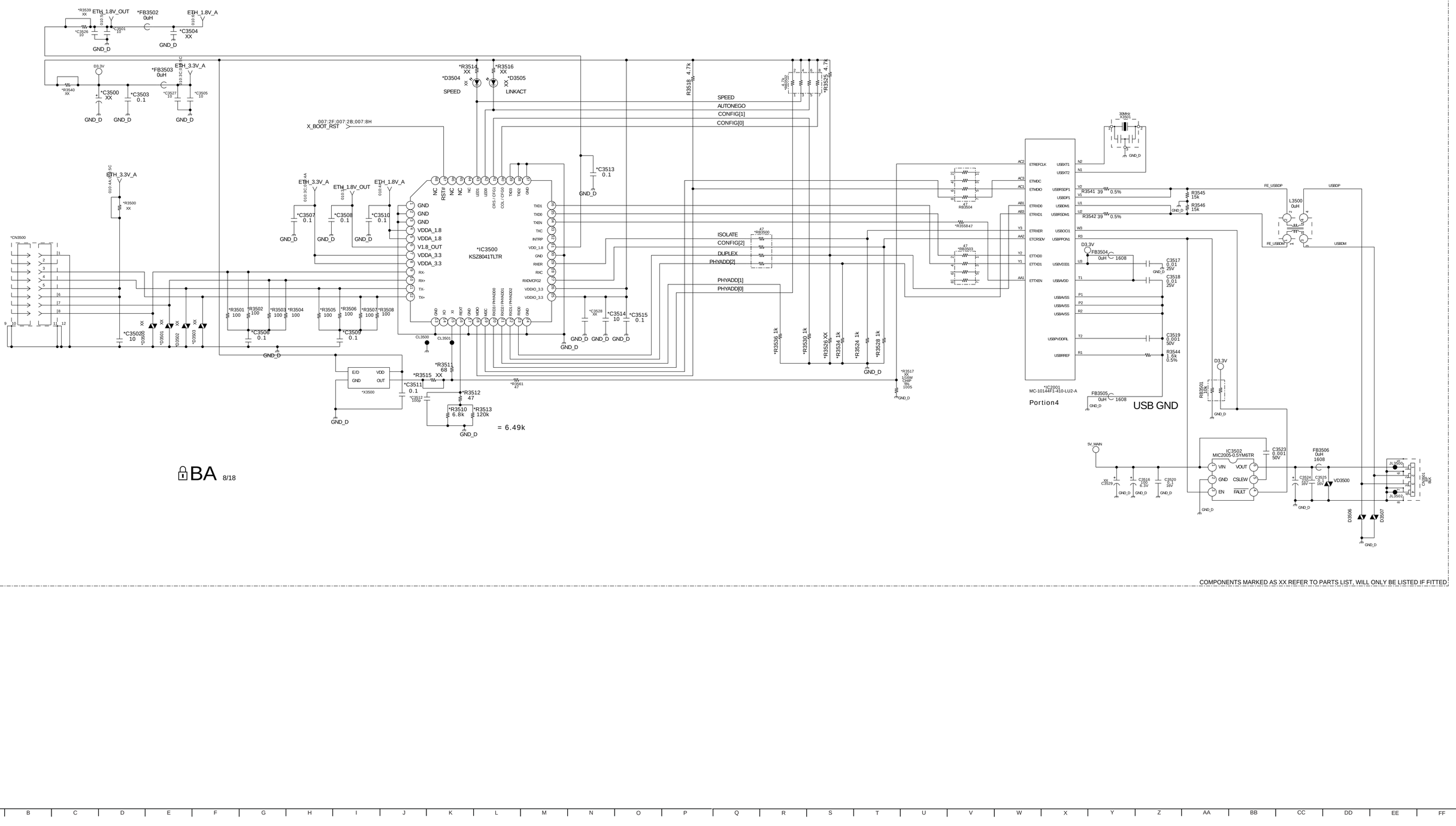

Portion6
D3.3V
R2520 100 1/16W CHIP 1005
R2674 10K 1/16W CHIP 1005 5%
R2675 10K 1/16W CHIP 1005 5%
024:B9
FE_CI_TSSYNC
R2517 CHIP
FE_CI_TSVAL
R2518 CHIP
FE_CI_TSCLK
R2519 CHIP
FE_CI_ROM_DIR
FE_CI_ENB
FE_CI_IORDB
FE_CI_IOWRB
CL2528
CL2529
CL2530
CL2531
024:E7
*R2707 47
R2550 47
CON_V
R2512 2.2K
FE_CI_IREQB
*R2518 47
024:E2
FE_CI_RSTB
FE_CI_VS1B
FE_CI_REGB
024:E3
FE_CI_WAITB
008:11G
NRBB
*R2510 47
*R2514 47
R2709 100 1/16W CHIP 1005 5%
GPIO24/CMOSTRT
GPIO25/CMDVAL
GPIO26/CMCLKO
GPIO27/ROMDIR1/URT1CTSB
GPIO28/ROMDIR2/URT1RTSB
GPIO29/ROMCLR/URT1OSRB
GPIO30/ROMCP/CLRT1DTRB
GPIO31/ROMPCLRT1DCDB
GPIO33/CIREQB
GPIO34/CDMEMPP
GPIO35/CDCMDVCC
GPIO36/CIRESET
GPIO39/CVS1B
GPIO52/CIIORDB
GPIO53/CIOWRB
GPIO54/CIREGB
GRDY0
NRBB
RADD0
RADD5/NCLE
RADD2/NALE
RADD3
RADD4
RADD5
RADD6
RADD7
RADD8
RADD9
RADD10
RADD11
RADD12
RADD13
RADD14
RADD15
RADD16
RADD17
RADD18
RADD19
RADD00
RADD01
RADD02
RADD03
RADD04
RADD05
FE_RADD[0]
FE_RADD[1]
FE_RADD[2]
FE_RADD[3]
FE_RADD[4]
FE_RADD[5]
FE_RADD[6]
FE_RADD[7]
FE_RADD[8]
FE_RADD[9]
FE_RADD[10]
FE_RADD[11]
FE_RADD[12]
FE_RADD[13]
FE_RADD[14]
FE_RADD[15]
FE_RADD[16]
FE_RADD[17]
FE_RADD[18]
FE_RADD[20]
FE_RADD[21]
FE_RADD[22]
FE_RADD[23]
FE_RADD[24]
R2504 47
RB2505 47
RDQ0
RDQ1
RDQ2
RDQ3
RDQ4
RDQ5
RDQ6
RDQ7
RDQ8/CMD00
RDQ9/CMD01
RDQ10/CMD02
RDQ11/CMD03
RDQ12/CMD04
RDQ13/CMD05
RDQ14/CMD06
RDQ15/CMD07
ROEB
RWEB
RCSB0
RCSB1
GCSB0
GCSB1
CL2540
R2506 100
R2507 47
R2579 47
*R2580 47
024:E1;008:7G;008:11G
FE_FOEB
RCSB0 008:7G
RCSB1 008:11G
FE_FWEB 024:E2;008:7H,008:11H
FE_CI_CE1B
024:B10;024:E1
R2508 22
FE_CI_TSD[5]
FE_CI_TSD[4]
FE_CI_TSD[6]
FE_CI_TSD[0]
FE_CI_TSD[2]
FE_CI_TSD[7]
FE_CI_TSD[1]
FE_CI_TSD[3]
024:B9
*IC2001
MC-10144F1-410-LU2-A
GND_D
R2605 100 1/16W CHIP 1005
JL2500
JL2501
R2612 100 1/16W CHIP 1005
RB2513 10K
RB2511 10K
RB2512 10K
RB2522 10K
R2607 10K
Portion10
GPIO41/STPDAT1
GPIO42/STPDAT2
GPIO43/STPDAT3
GPIO44/STPDAT4
GPIO45/STPDAT5
GPIO46/STPDAT6
GPIO47/STPDAT7
STCLK
STDAT
STENA
STSYN
CL2516
CL2517
CL2518
CL2519
CL2520
CL2521
CL2522
CL2523
CL2524
CL2525
CL2526
RB2509 22
RB2510 22
024:B5-D22 RE FE_M_DATA[0]
024:B5-D22 RE FE_M_DATA[1]
024:B5-D22 RE FE_M_DATA[2]
024:B5-D22 RE FE_M_DATA[3]
024:B5-D22 RE FE_M_DATA[4]
024:B5-D22 RE FE_M_DATA[5]
024:B5-D22 RE FE_M_DATA[6]
024:B5-D22 RE FE_M_DATA[7]
024:B5-D22 RD FE_M_DOUT
024:B5-D22 RD FE_M_SYNC
024:B5-D22 RD FE_M_VAL
*IC2001
MC-10144F1-410-LU2-A
R2606 4.7K
R2607 4.7K
R2608 4.7K
GND_D
X_NAND_WP
014:5H
R2608 100 1/16W CHIP 1005
NAND3.3V
D3.3V
C2501 0.1 6.3V X6S 2012
C2500 0.1 16V
C2502 0.1 16V
K9F1208U0C-PIB0T
TC2501
008:2D;008:11G
NRBB
024:E1;008:7F;008:11G
FE_FOEB
RCSB0
008:7F
FE_RADD[1]
024:E4;008:6B;008:7B;008:11G
FE_RADD[2]
024:E4;008:6B;008:7B;008:11H
FE_FOEB
024:E2;008:7F;008:11H
RDQ7
RDQ6
RDQ5
RDQ4
RDQ3
RDQ2
RDQ1
RDQ0
C2503 0.1
C2504 XX
C2505 0.1
*IC2502
008:2D;008:7G
024:E1;008:7F;008:7G
FE_FOEB
RCSB1
008:7F
024:E4;008:6B;008:7B;008:7G
FE_RADD[1]
FE_RADD[2]
024:E4;008:6B;008:7B;008:7H
024:E2;008:7F;008:7H
STBY_3.3V
D3.3V
NAND3.3V
R2703 XX
Q2500 2SA1222GLS0
C2509 XX
C2508 XX
C2506 4.7 6.3V
R2705 2.7K 1/16W CHIP 1005 5%
Q2501 UNR52A1GGLS0
014:9J
PWR_CTRL_NAND
R2708 XX
BA 6/18
COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BA-EX2L

Portion 2



BA-EX2L



BA 8/18

BA-EX2L

BA 9/18

VIDEO BUFFERS

004:16E EVI1

EVI1YC3
EVI1YC7
EVI1YC6
EVI1YC9
EVI1YC2
EVI1YC4
EVI1YC5
EVI1YC8
EVI1_CLK

CL4005
CL4009
CL4008
CL4004
CL4006
CL4007

R4137 0
FB1 021:10C
FB2 021:16D

GPIO0/EVI1YC2/EJTAG2
GPIO1/EVI1YC3/EJTAG2
GPIO2/EVI1YC4/EJTAG2
GPIO3/EVI1YC5/EJTAG2
GPIO4/EVI1YC6/EJTAG2
GPIO5/EVI1YC7/EJTAG2
GPIO6/EVI1YC8
GPIO7/EVI1YC9
GPIO11/AVIFB
GPIO12/AVIFB2
GPIO13/EVICK

Portion 8

VDFPVDD1
VDFDVDD3
VDFAVDD3
VDFHEDVDD1
VDFDGND3
VDFPGND1
VDFAGND3
VDFHEDGND
VDFSCO
VDFSCI
VDFCBP

A3.3V
D3.3V
PLL1.05V
0uH FBA003
0uH FBA002
0uH FBA001
R4002 0
C4007 0.01
C4006 0.1
C4005 0.1
C4014 0.1
R4001 0
GND_D

A1.8V
C4019 0.1
C4020 0.1
R4047 0 CHIP
C4021 0.1
C4015 0.1
R4004 220 1/16W CHIP 5%
R4003 100 1/16W CHIP 5%
Q4000 2SA1576A-T106-QR
R4005 360 1/16W CHIP 5%
C4017 100p 50V CH 1005
C4016 0.047 25V X7R 1005
L4001 15uH
C4018 150p 50V CH 1005
R4006 0 CHIP

AVI00
AVI01
AVI02
AVI03
AVI05
AVI11
AVI12
AVI13
AVI14
AVI21
AVI22
AVI23
AVI24
AVI31
AVI32
AVI33
AVI34
AVI35
AVIHS
AVIVS

AVDVCOM
AVDVRB
AVDVRT
AVDAVDD18
AVA1VDD18
AVA2VDD18
AVA3VDD18
AVDAGND
AVA1AGND
AVA2AGND
AVA3AGND
VAD_DGND
VAD_DGND
VAD_DVDD
VAD_DVDD
VAD_LVDD33
VAD_IOVDD10
VAD_IOGND10

C4056 0.1 16V X7R
C4058 0.1 16V 1005
C4057 0.1 16V 1005
C4022 10
C4027 10
C4028 10
C4029 10
C4030 10
C4031 10
C4032 10
C4033 10
C4034 10
C4035 10
C4036 10
C4037 10
C4038 10
C4039 10
C4008 0.1
C4009 0.01
C4060 XX
C4013 0.1
R4154 CHIP
C4011 0.01
C4010 0.1
C4012 0.1
R4049 0 CHIP
D1.05V
D3.3V
0uH FBA000

BAVI00
BAVI11
BAVI12
BAVI13
BAVI14
BAVI21
BAVI22
BAVI23
BAVI24
BAVI31
BAVI32
BAVI33
BAVI34
BAVI35

011:5A
011:5B
011:5C
011:5D
011:5E
003:14E
020:7I

PC_H
PC_V

*IC2001
MC-10144F1-410-LU2-A

5V_MAIN
*R4140 0
*C4001 0.1
*R4042 470
*R4043 0
*Q4031 2SA2122G0LS0
*R4142 0
L4002 XX
C4002 XX
*C4003 10p
R4041 XX
R4008 100
CL4001
RF_DIGITAL_CV
003:12G
E3_SVAY
007:5E
E3_SVAC
CL4002
007:5E

EMMA3TL

021:10C;021:12H GREEN_SCART1/Y_HD2
*R4126 27 0.5%
R4147 XX
*R4091 47 0.5%
011:8C BAVI13

021:10C;021:12H BLUE_SCART1/PB_HD2
*R4127 27 0.5%
*R4148 XX
*R4093 47
*R4120 0
011:8D BAVI23

021:10C;021:12H RED_SCART1/PR_HD2
*R4128 27 0.5%
*R4149 XX
*R4095 47 0.5%
*R4119 0
011:8D BAVI33

PC_GREEN
R4010 10 0.5%
R4144 1.5k 0.5%
R4013 68 0.5%
011:8C BAVI11

GREEN_SCART2
*R4129 27 0.5%
R4150 XX
*R4097 0
021:16C
011:8C BAVI14

020:7H PC_BLUE
R4011 10 0.5%
R4145 1.5k 0.5%
R4014 68 0.5%
011:8D BAVI21

BLUE_SCART2
*R4130 27 0.5%
R4151 XX
*R4099 47 0.5%
021:16C
011:8D BAVI24

020:7H PC_RED
R4012 10 0.5%
R4146 1.5k 0.5%
R4015 68 0.5%
011:8D BAVI31

RED_SCART2
*R4131 27 0.5%
R4152 XX
*R4101 47 0.5%
021:16C
011:8D BAVI34

Y_HD
R4123 27 0.5%
R4153 1k 0.5%
R4070 68 0.5%
021:16G
011:8C BAVI12

PB_HD
R4124 10 0.5%
R4102 1.5k 0.5%
R4072 68 0.5%
R4122 100
021:16G
011:8D BAVI22

PR_HD
R4125 10 0.5%
R4103 1.5k 0.5%
R4074 68 0.5%
R4121 100
021:16G
011:8D BAVI32

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BA-EX2L

Portion5

*IC2001
MC-10144F1-410-LU2-A

BA 10/18

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BA 11/18

<< STBY3.3V >>

FOR H3 PWB

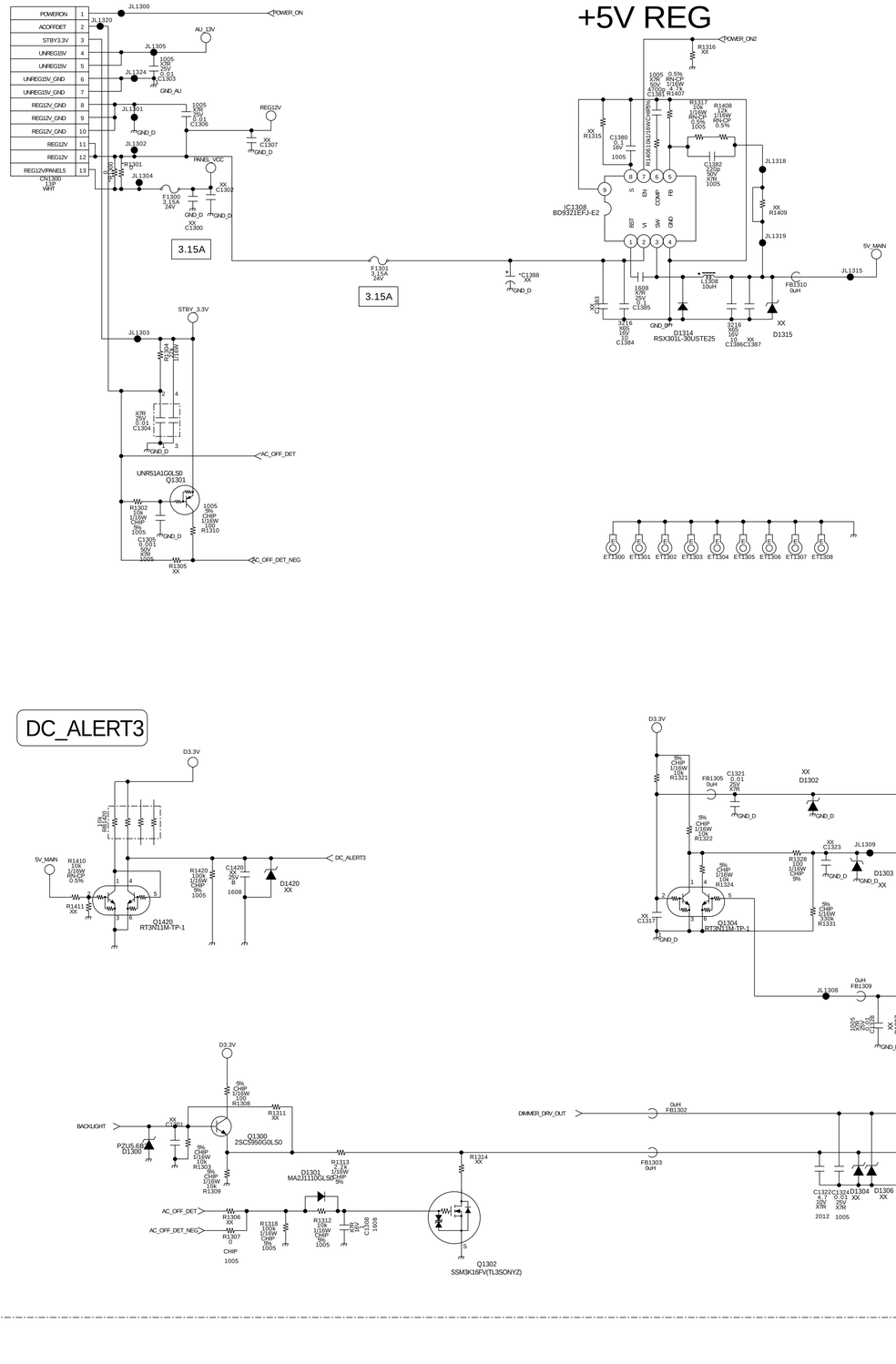
Temp Sensor

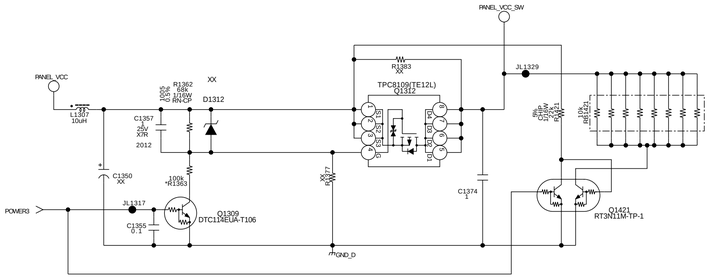
COMPONENTS MARKED AS XX REFER TO PARTS LIST. WILL ONLY BE LISTED IF FITTED

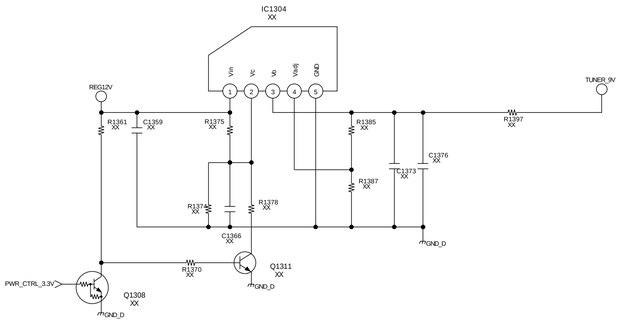
BA-EX2L

+5V REG

BA 12/18



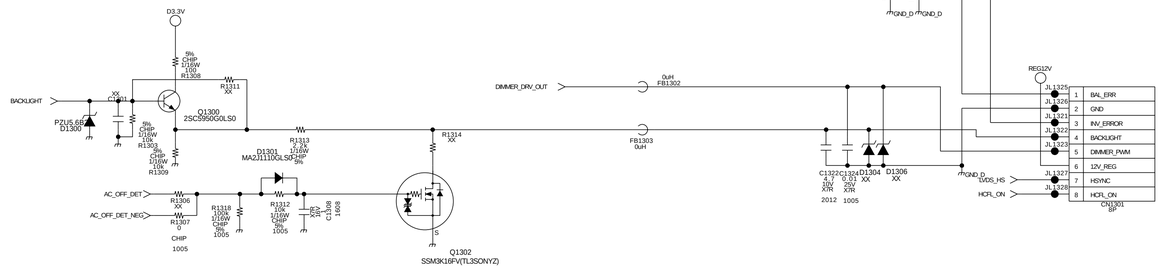


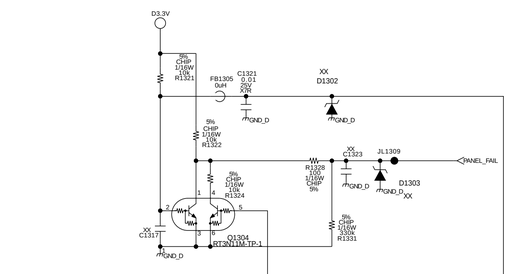


A9V

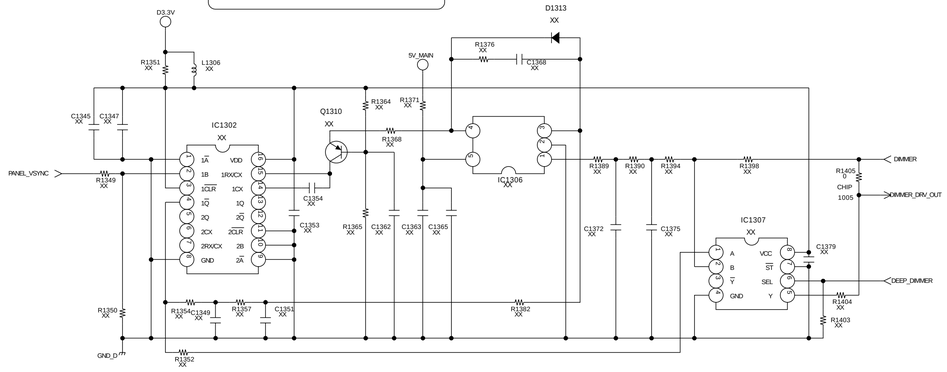
EX2L NOT USE

DC_ALERT3





WATER FALL



COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BA 13/18

Mount

Digital Block

Analog Block

PWM Block

Xtal

APLL

DPLL

To MB91F313

To EMMA3TL or X255

DAC for RF digital

DAC for SubWoofer

SPDET

HP_OUT

SP_OUT

HP_OUT

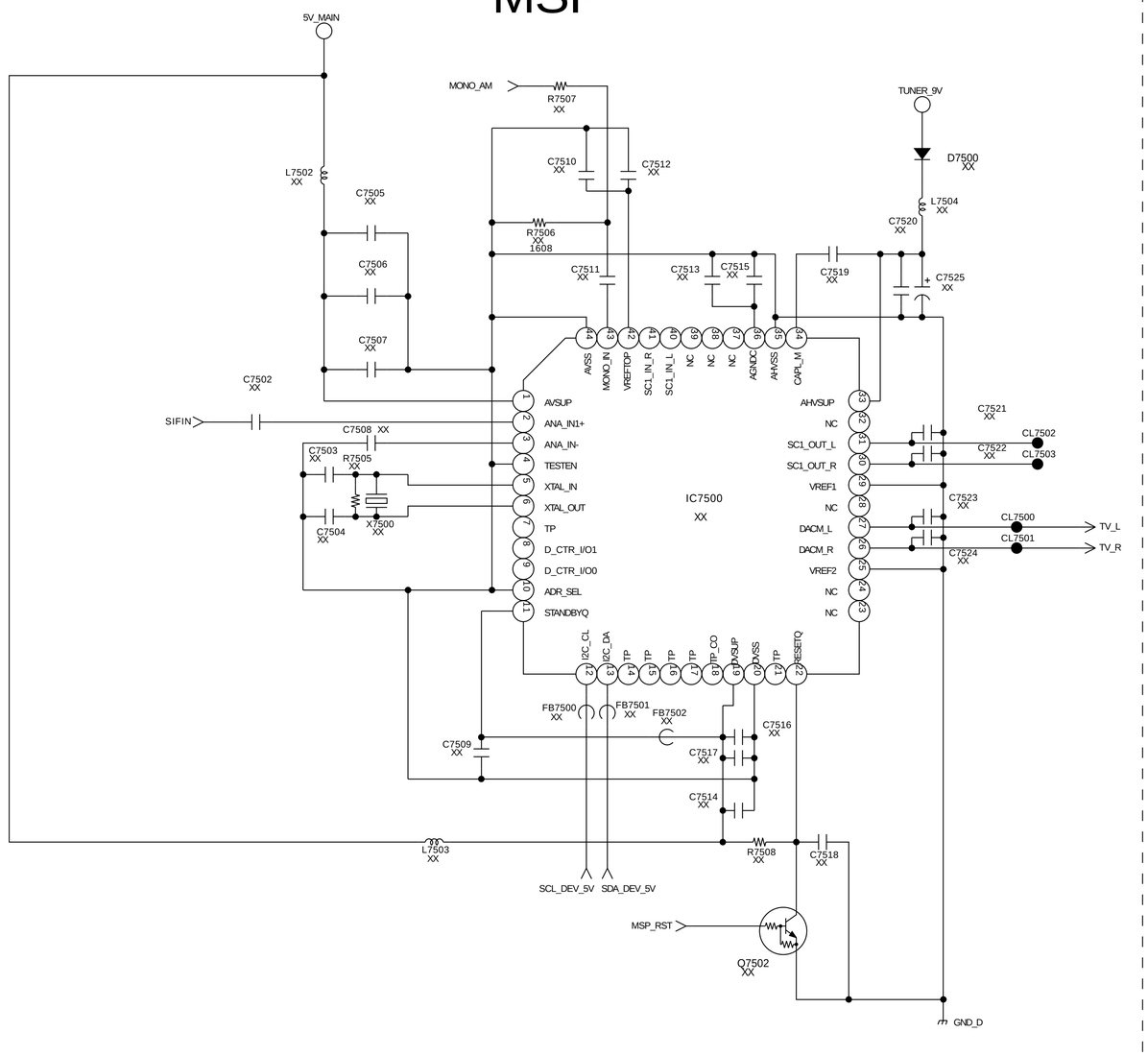
LINE_OUT

REC_OUT

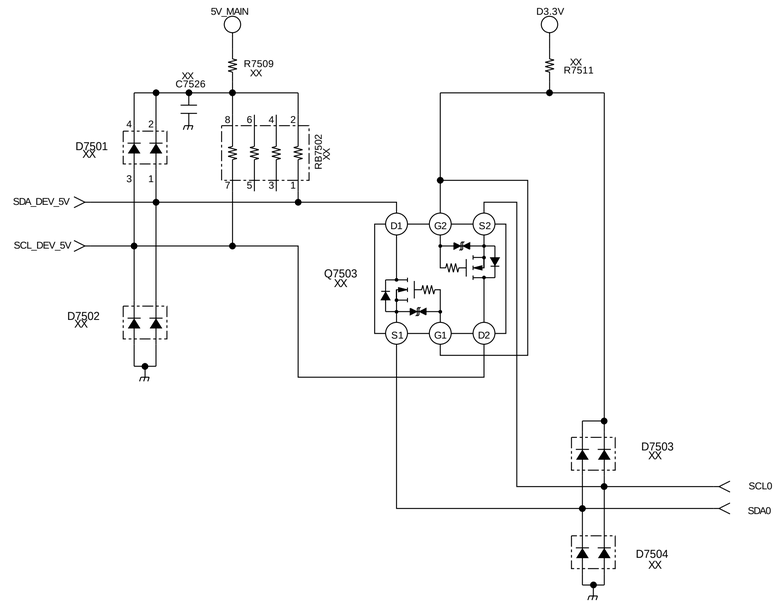
AUDIO_13V

BA-EX2L

MSP

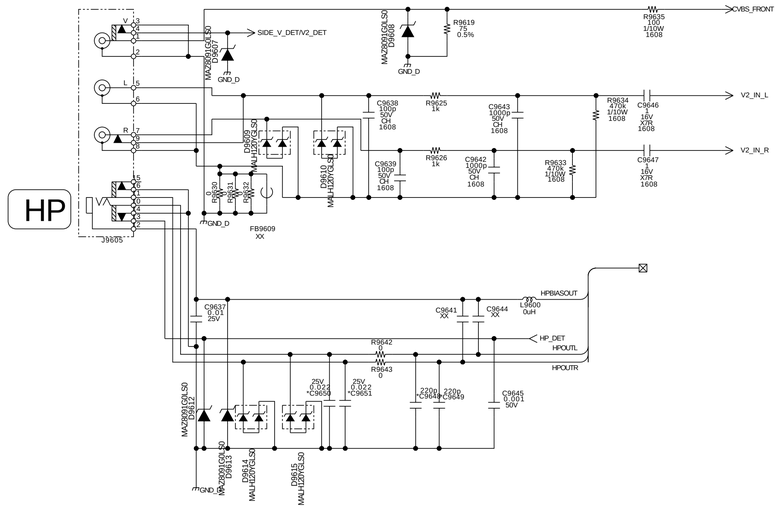


BA 14/18

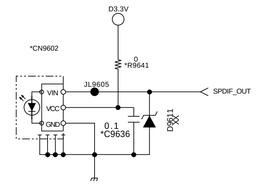


COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

LATERAL A/V CONNECTOR

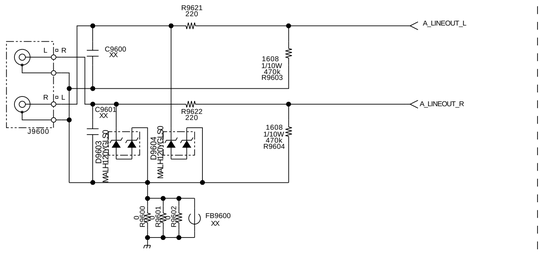


SPDIF OPTICAL OUT

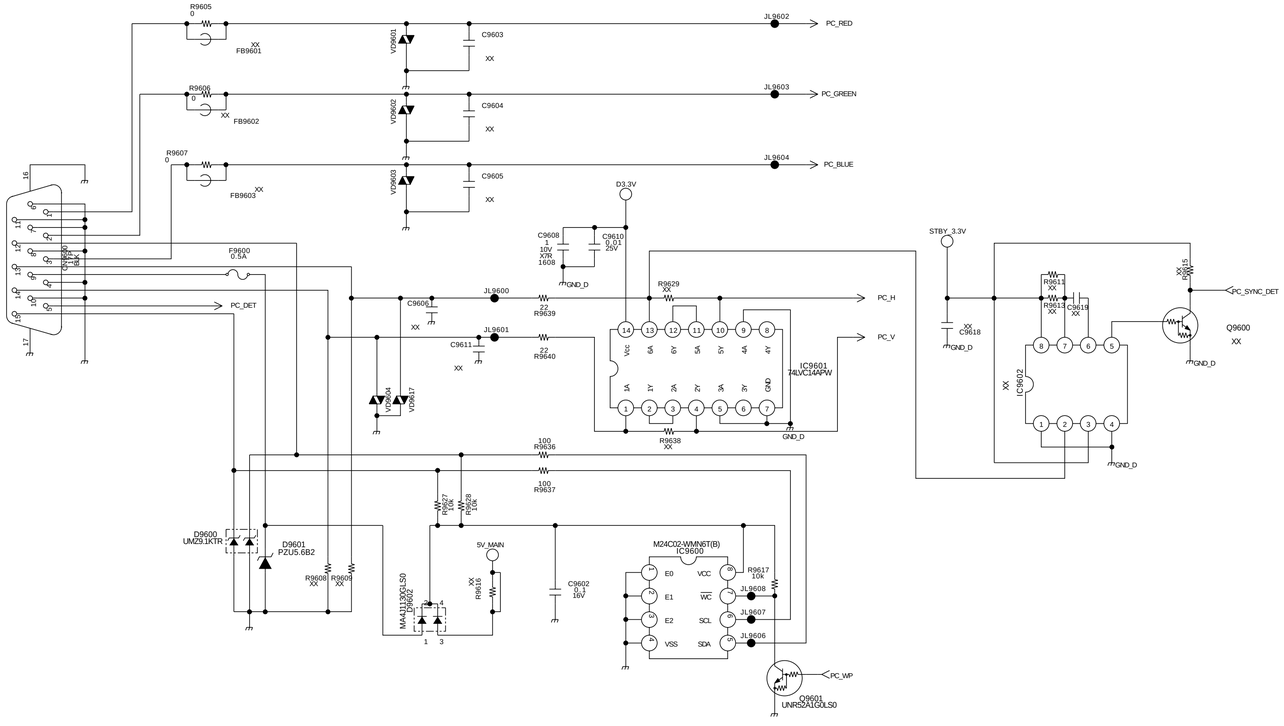


BA 15/18

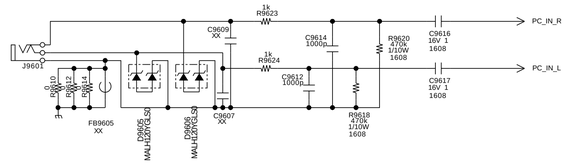
LINE OUT



PC INPUT



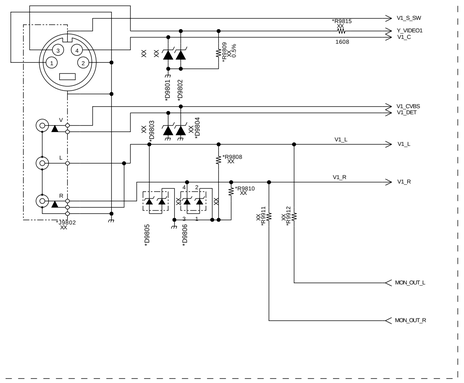
DVI/PC AUDIO INPUT



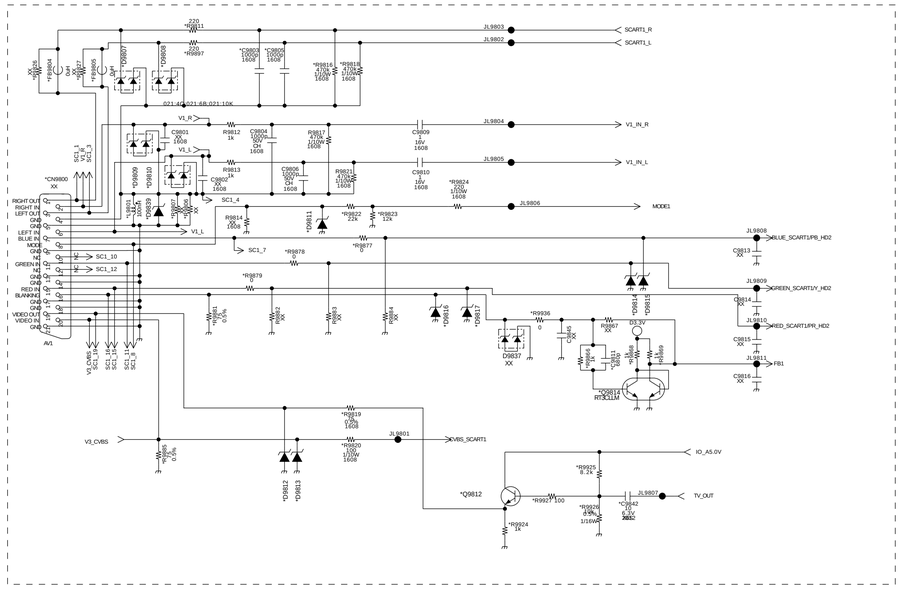
COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BA-EX2L

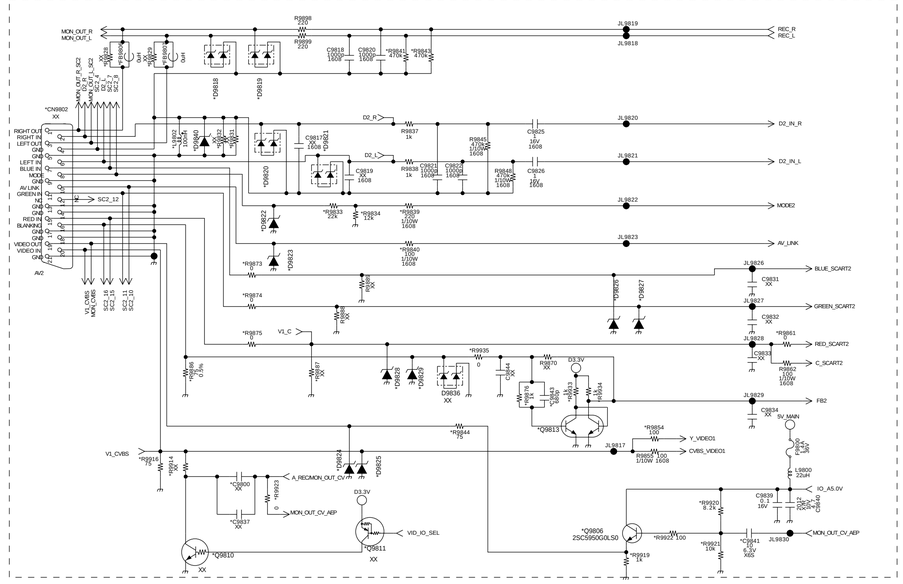
CVBS INPUT & OUTPUT
Y/C INPUT



SCART1

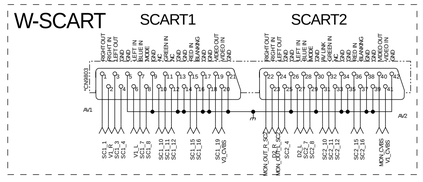


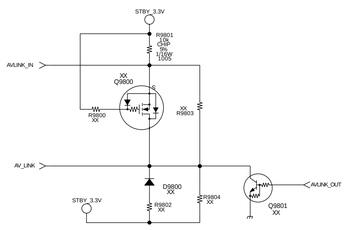
SCART2



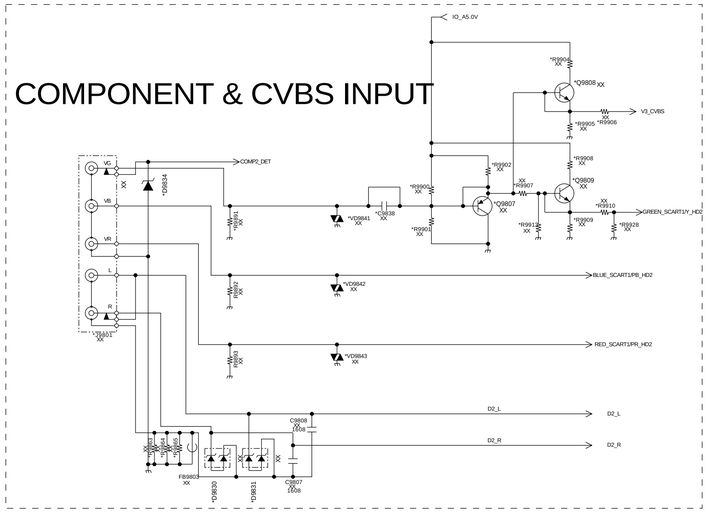
BA 16/18

W-SCART

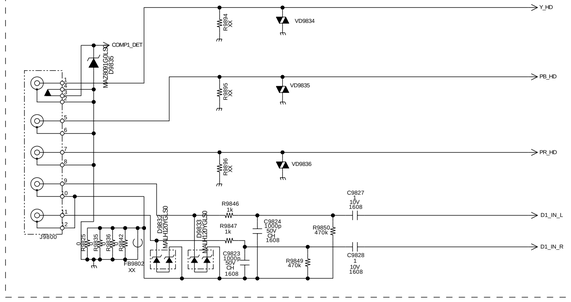




COMPONENT & CVBS INPUT



COMPONENT INPUT



COMPONENTS MARKED AS XX REFER TO PARTS LIST. WILL ONLY BE LISTED IF FITTED

BA2 ONLY

PLACE CLOSE TO TU7900

SATELLITE CONNECTOR

1.2v DVB

33v REGULATOR

2.5V_DEM

AFT_COMPARATOR

1.2v DVB for CHINA

BA 17/18

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BA-EX2L

BA 18/18

TS from CAM
TS to CAM

TS to CAM

TS to EMMA

CTRL to/from CAM

ADDR to CAM

DATA to/from CAM

PCMCIA DVB-CI CONNECTOR

All JL's are 0.6mm unless otherwise stated
All R's & C's are size 1005 unless otherwise stated

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

D5N-EX2L

D5N INVERTER

NEW HIT-1500 TYPE

52" FDK New Drive Trans.

Mount Mecha A6607	263406661	Q6602,Q6603

HIROSE MDF61

HIGH VOLTAGE OUTPUT

JST NEW CONNECTOR

To D6N

FROM G BOARD

	CN6702
8	NC
7	BALANCER_ERR
6	REG12V
5	GND
4	INV_ERR
3	BACK_LIGHT
2	DIMMER
1	NC

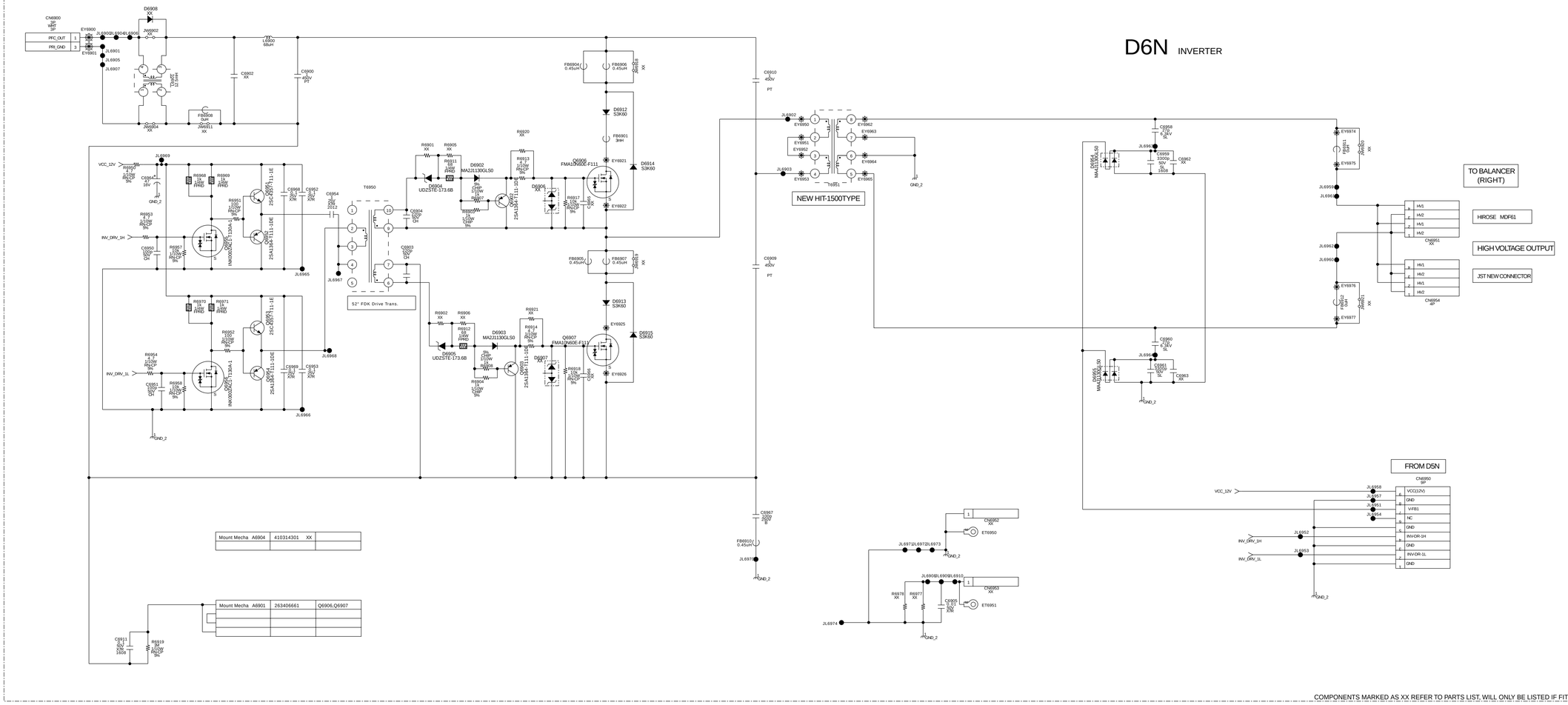
	CN6701
1	VCC(12V)
2	FB
3	FB
4	GND
5	GND
6	LD
7	LD

TO BALANCER

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

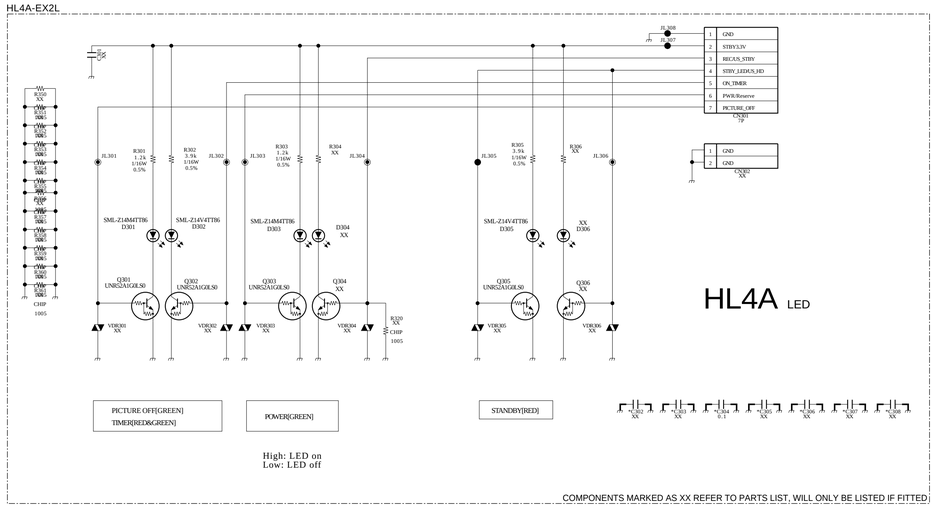
D6N-EX2L

D6N INVERTER



COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

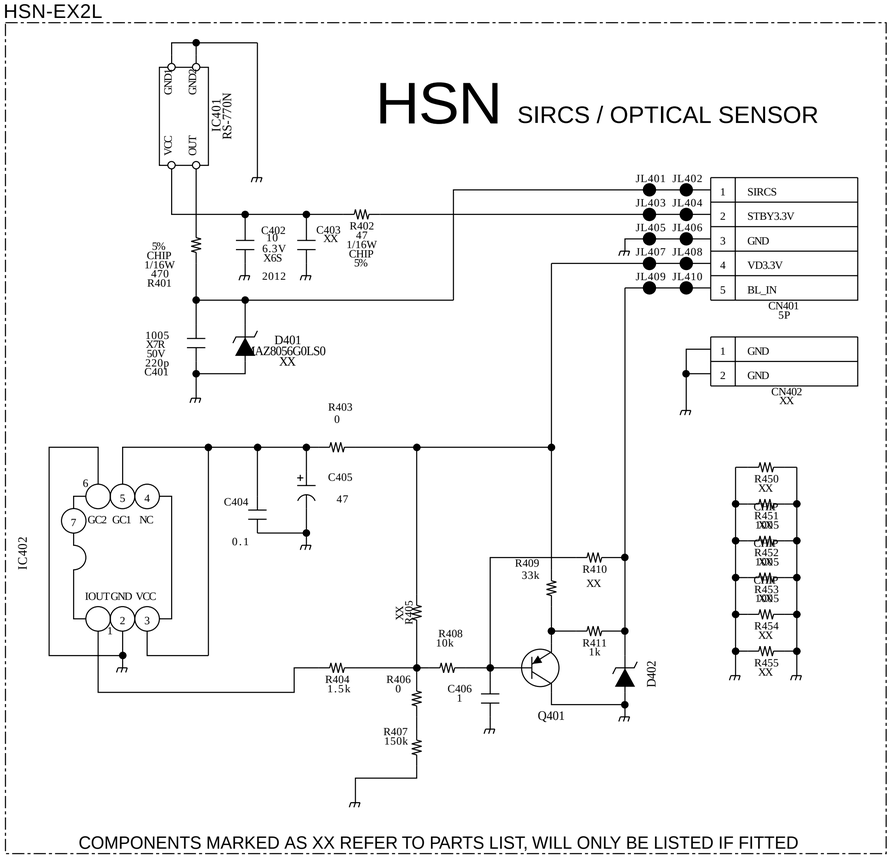
HL4A-EX2L



COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

~ HL4A Board Schematic Diagram [LED] ~

HSN-EX2L



COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

~ HSN Board Schematic Diagram [SIRCS / Optical Sensor] ~

IP1-EX2L

Mount Mecha A6001	263406611	D6000

Mount Mecha A6005	263406611	Q6500,Q6501,TH6300,D6510

Mount Mecha A6002	234989201	Q6100,Q6101

Mount Mecha A6003	263406611	D6150,D6151,D6152

12V?@6.9A

D10xL20

AUDIO?@3.9A

MAIN FB

PFC_DET

AC DET

POWER ON

PROTECT

PFC? OTP

STBY FB

TO D-board

TO B-board

IP1 1/2 INVERTER / POWER SUPPLY

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

IP1-EX2L

IP1 2/2

HIROSE MDF61

High Voltage Output

HV1=2kVo-p

HV2=2KVo-p

FROM Power Supply

TO BALANCER BOARD

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

Mount Mecha A6601	263406611	Q6602,Q6603

IP2-EX2L

Mount Mecha A6001	263406611	D6000

Mount Mecha A6005	263406611	Q6551,Q6552,THE300

Mount Mecha A6002	234989201	Q6100-Q6101

Mount Mecha A6003	263406611	D6150,D6151,D6152

SLAVE OPEN

12V?@6.9A

AUDIO?@3.9A

MAIN FB

PFC_DET

POWER ON

PROTECT

AC DET

PFC? | OTP

STBY FB

TO D-board

TO B-board

IP2 1/2 INVERTER / POWER SUPPLY

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

IP2-EX2L

IP2 2/2

Mount Mecha	A6600	263406621	D6606,Q6602

Mount Mecha	A6601	263406621	D6607,Q6603

JL6731	S-LCD20
JL6732	S-LCD16
JL6733	AUO
JL6734	CMO

HV1	HIROSE MDF61
HV2	High Voltage Output
HV1	HV1=2kVo-p
HV2	HV2=2KVo-p

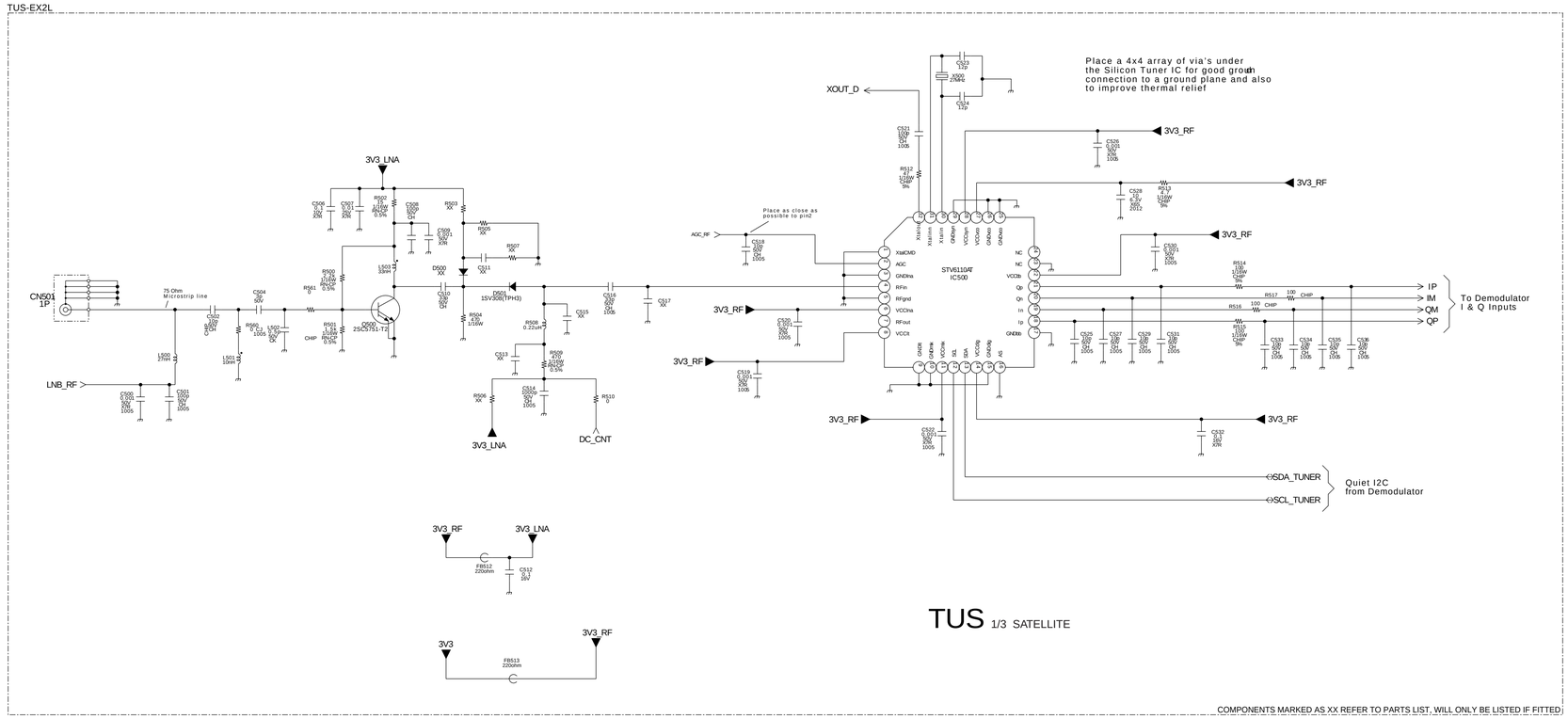
1	VCC_12V
2	FB
3	FB
4	GND
5	GND
6	LD
7	LD

FROM Power Supply

TO BALANCER BOARD

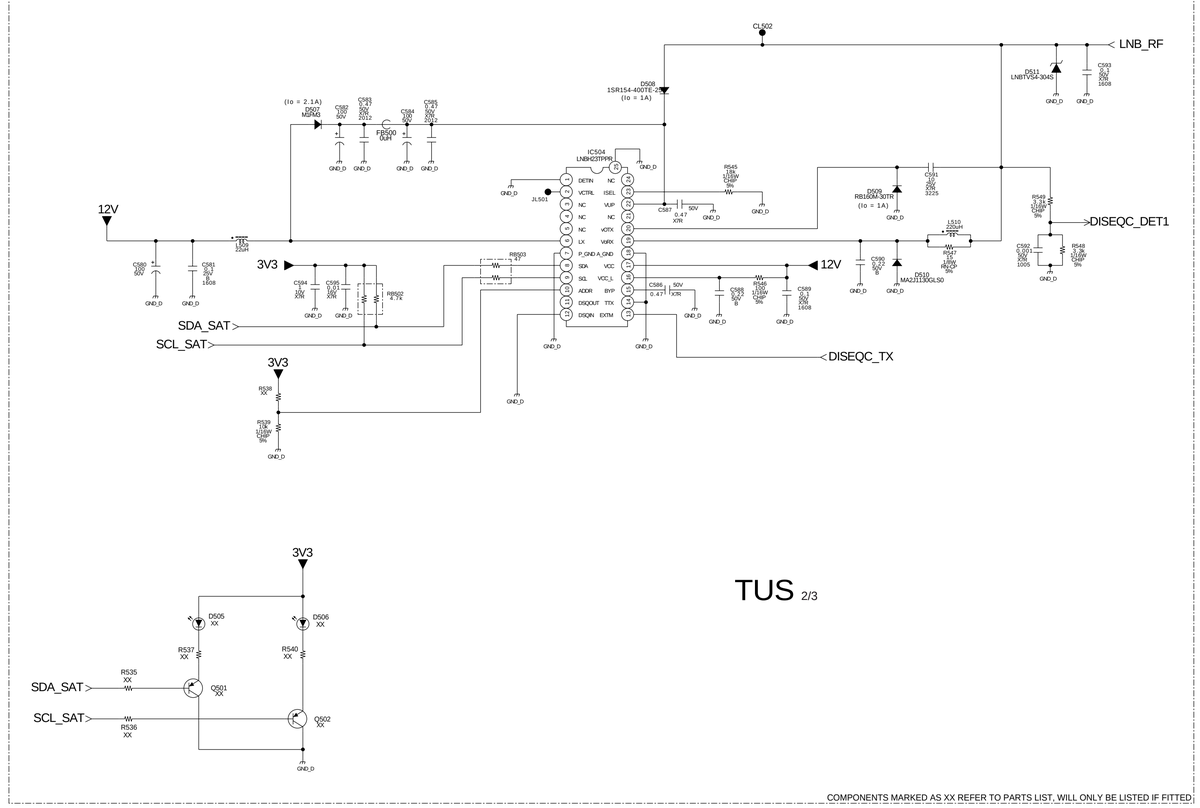
COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

TUS-EX2L



~ TUS Board Schematic Diagram [Satellite] Page 1/3 ~

TUS-EX2L



~ TUS Board Schematic Diagram [Satellite] Page 2/3 ~

TUS-EX2L

VDD_1V0

3V3

2V5A

XOUT_D

DISEQC_DET1

IP

IM

QM

QP

AGC_RF

SDA_TUNER

SCL_TUNER

DISEQC_TX

Place RC cell as close as possible to Demod pin16

Place RC cell as close as possible to Demod pin32

DC_CNT

STV0903BAB
IC501

SDA_SAT

SCL_SAT

12V

TS_VALID

TS_SYNC

TS_CLK_OUT

TS_DATA[7]

TS_DATA[6]

TS_DATA[5]

TS_DATA[4]

TS_DATA[3]

TS_DATA[2]

TS_DATA[1]

TS_DATA[0]

RST

1V0_SENSE

TS_DATA[0-7]

Ferrite Beads added due to radiate emissions from 100MHz ~ 600MHz

CL500

CL501

IC503
ST1S03PUR

IC502
ST1S09PUR

D504
RB160M-30TR

D503
MSM3

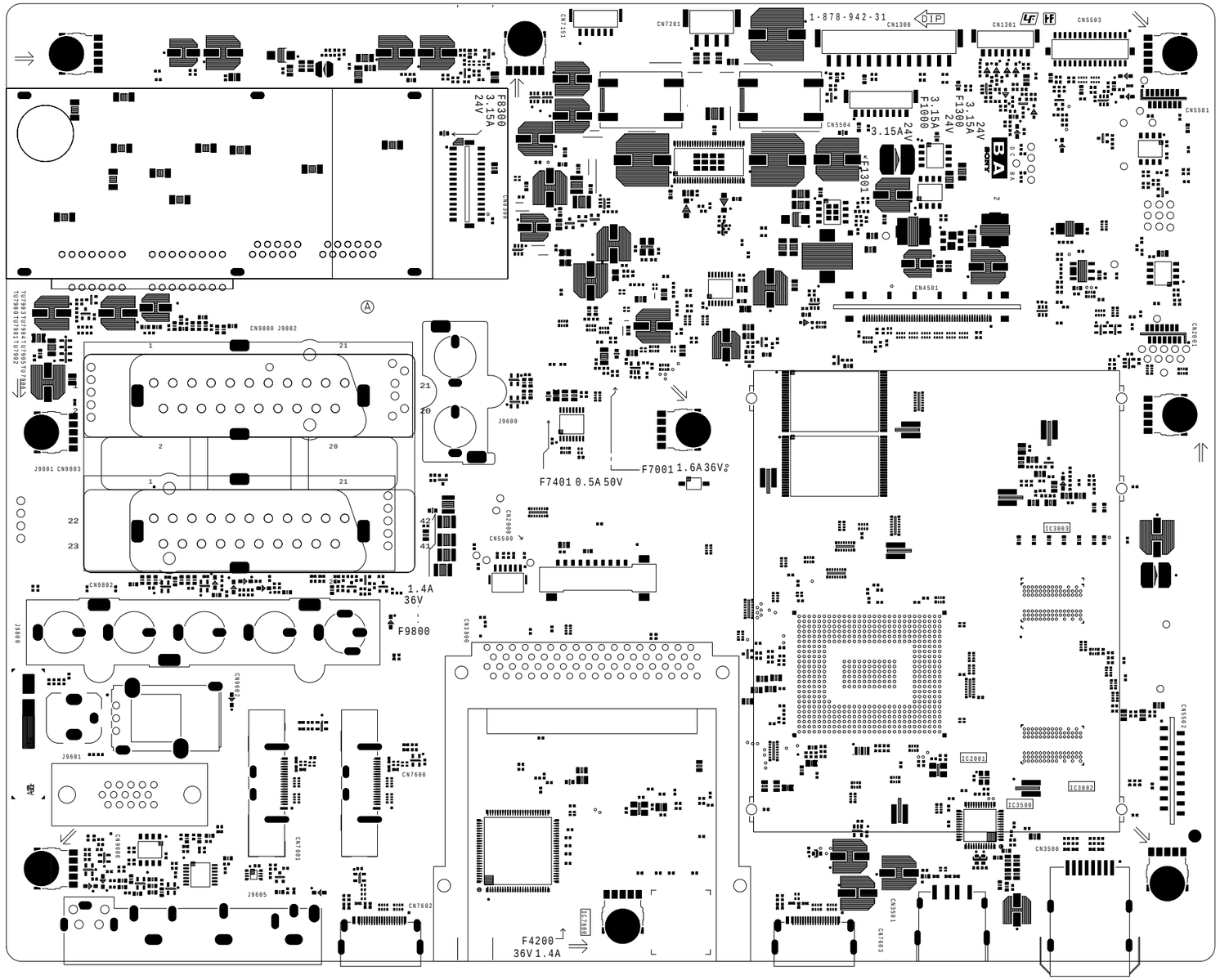
TUS 3/3

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED.

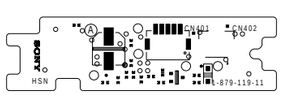
~ TUS Board Schematic Diagram [Satellite] Page 3/3 ~

Text Search

~ BA Printed Wiring Board Side A ~



~ HSN Printed Wiring Board Side A ~



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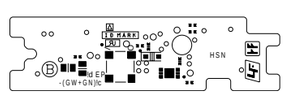

Text Search

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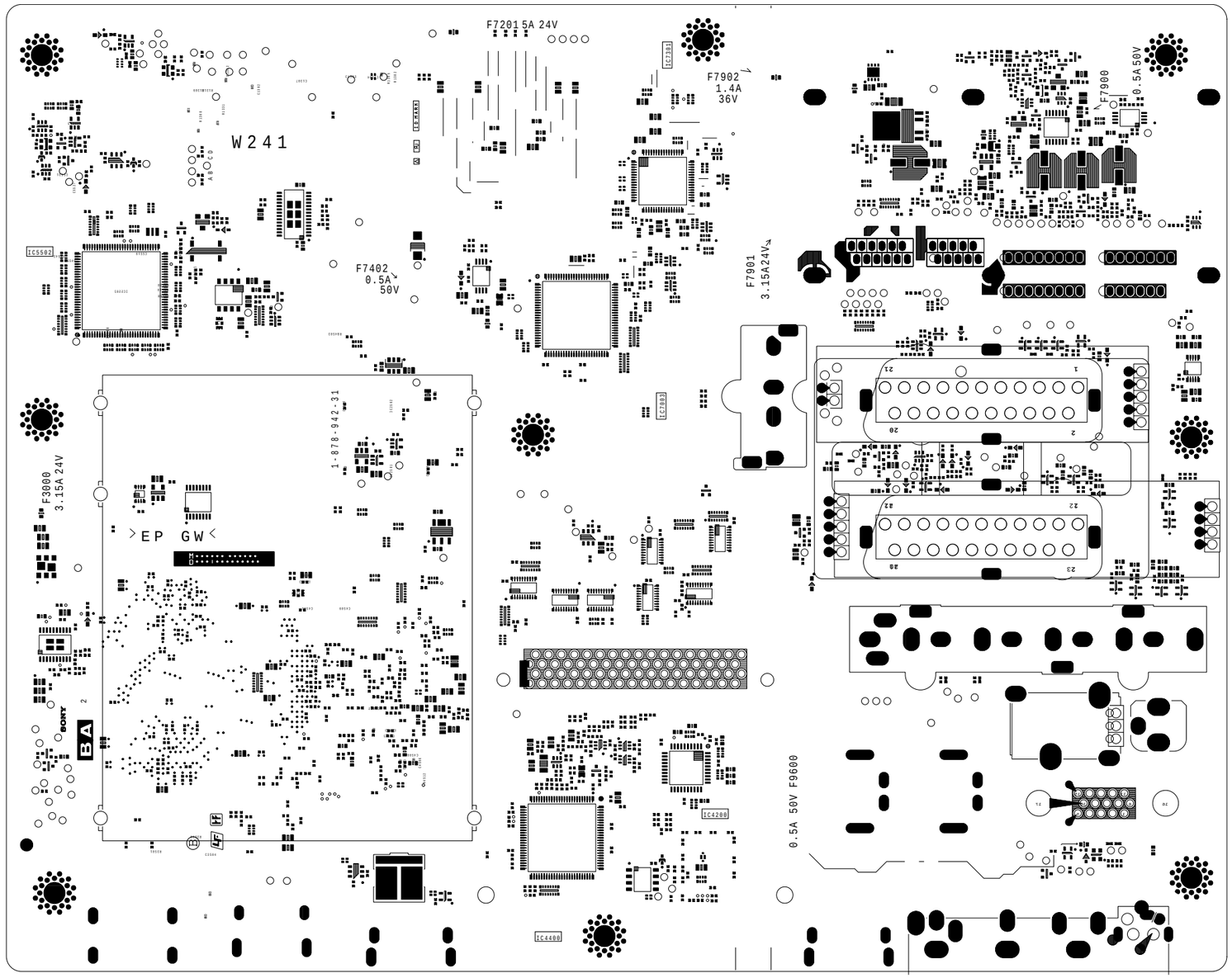

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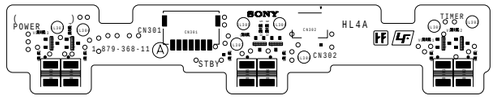

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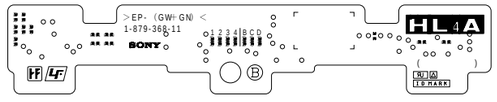
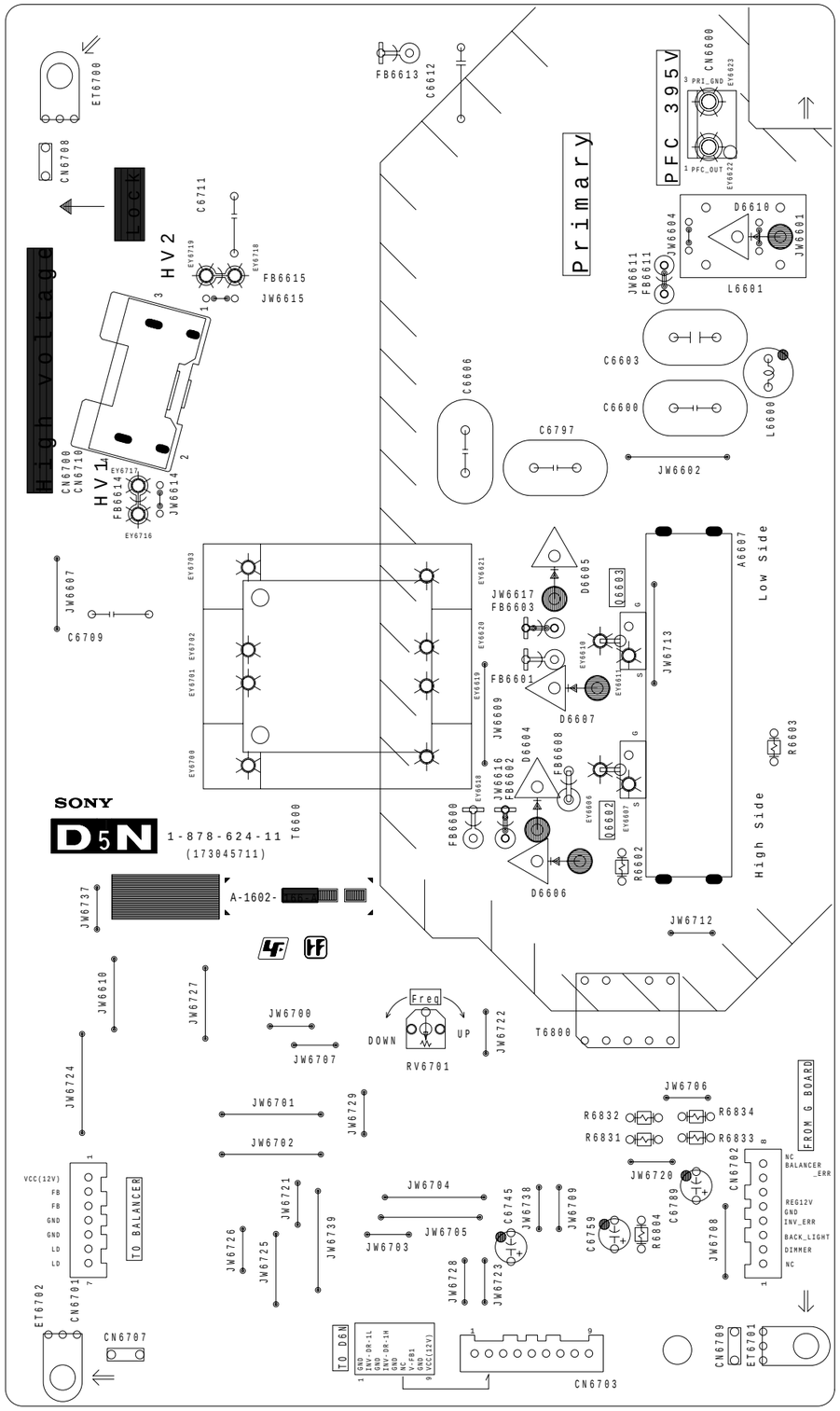
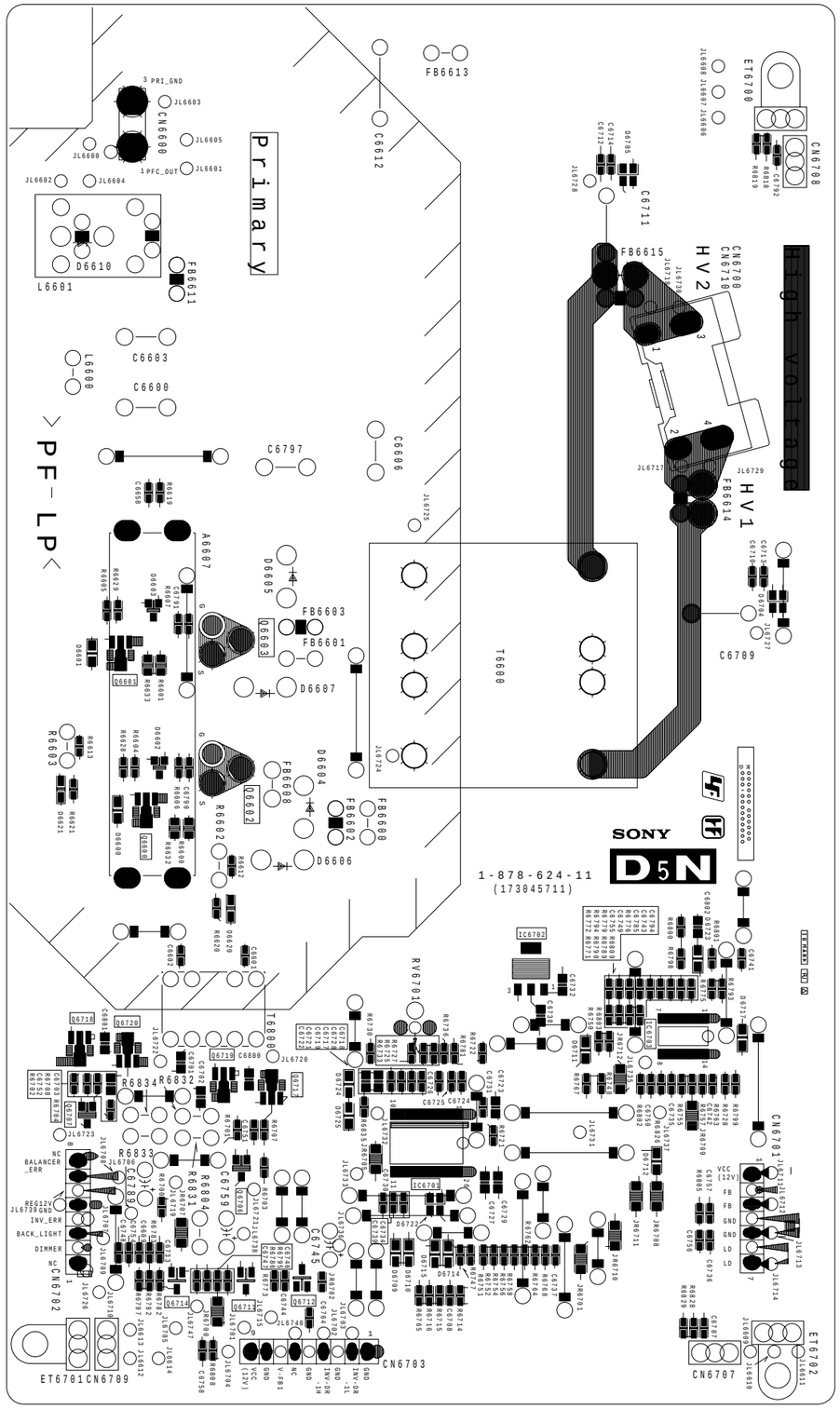


~ D5N Printed Wiring Board ~

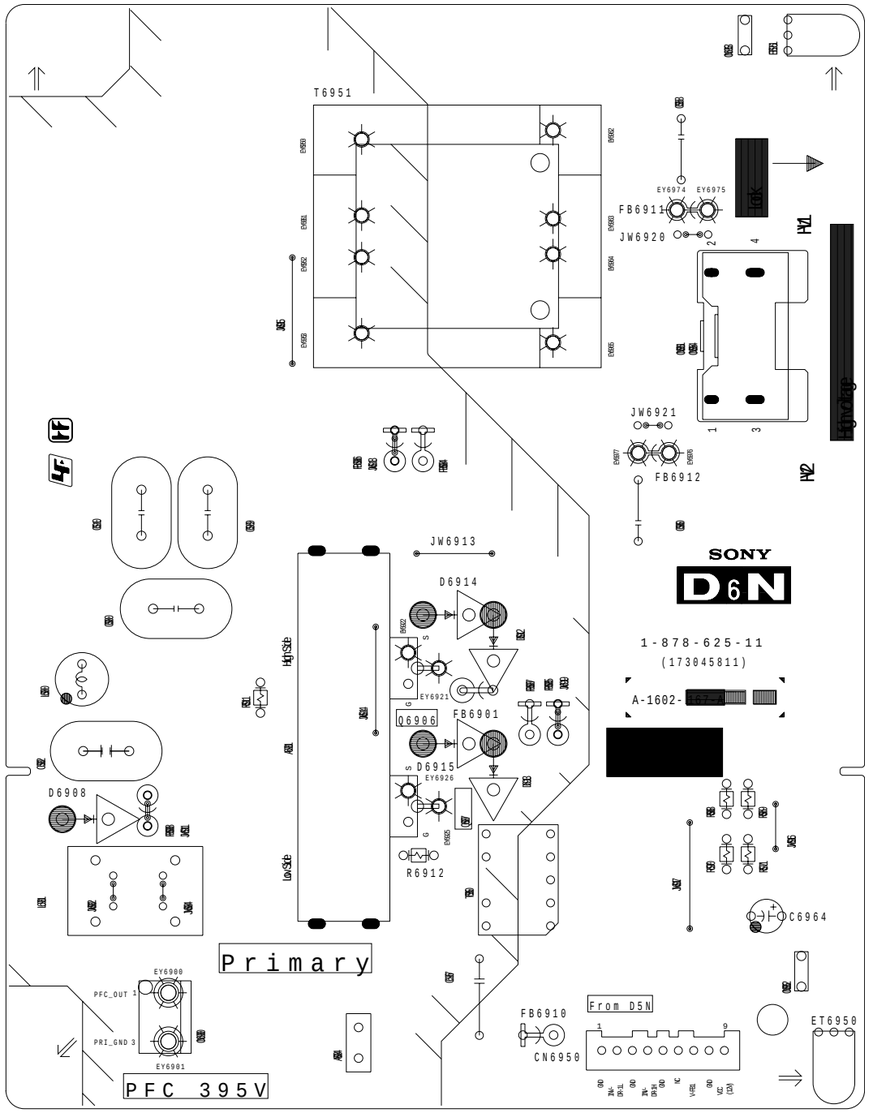
Text Search





Text Search

~ D6N Printed Wiring Board Side A ~



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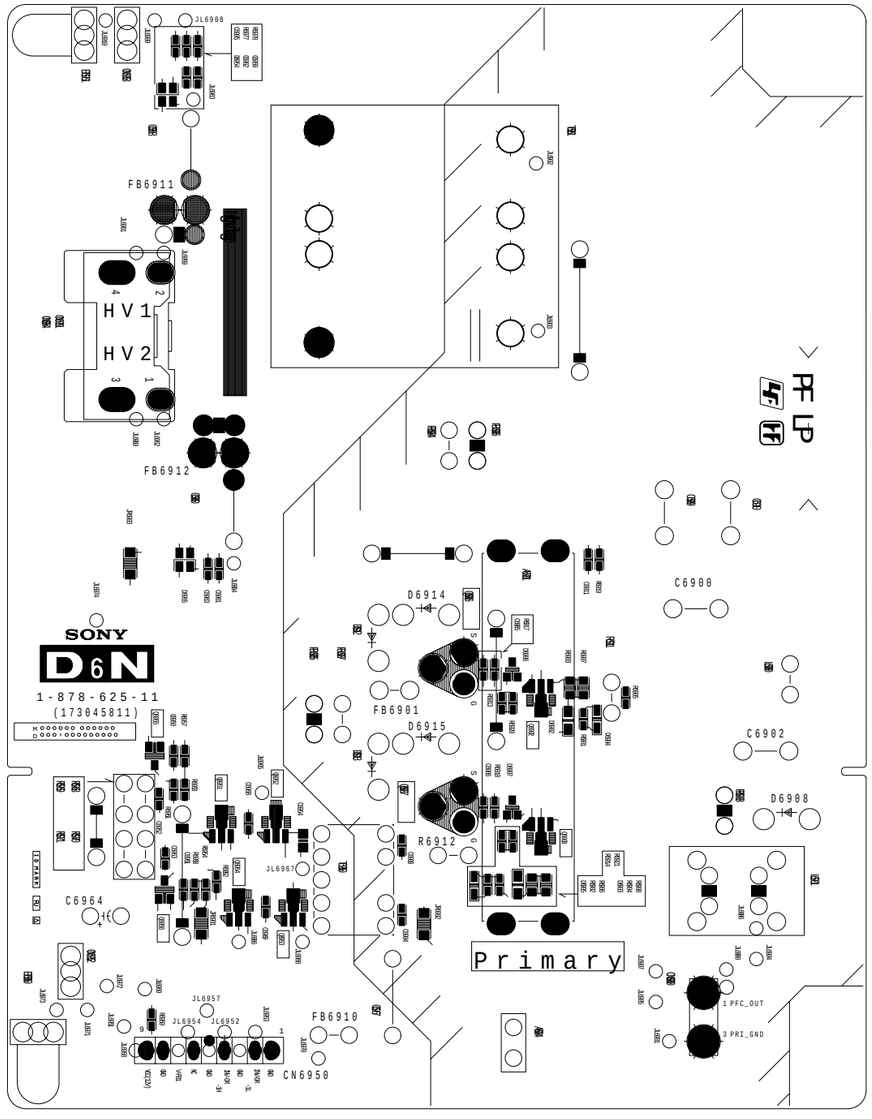
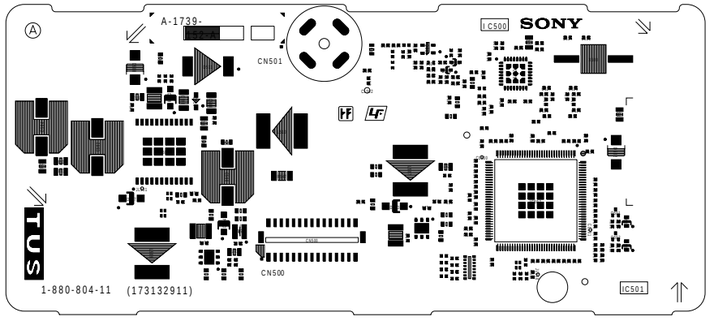


~ TUS Printed Wiring Board Side A ~



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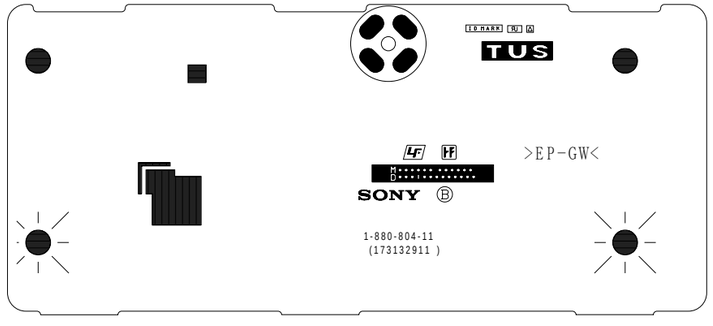
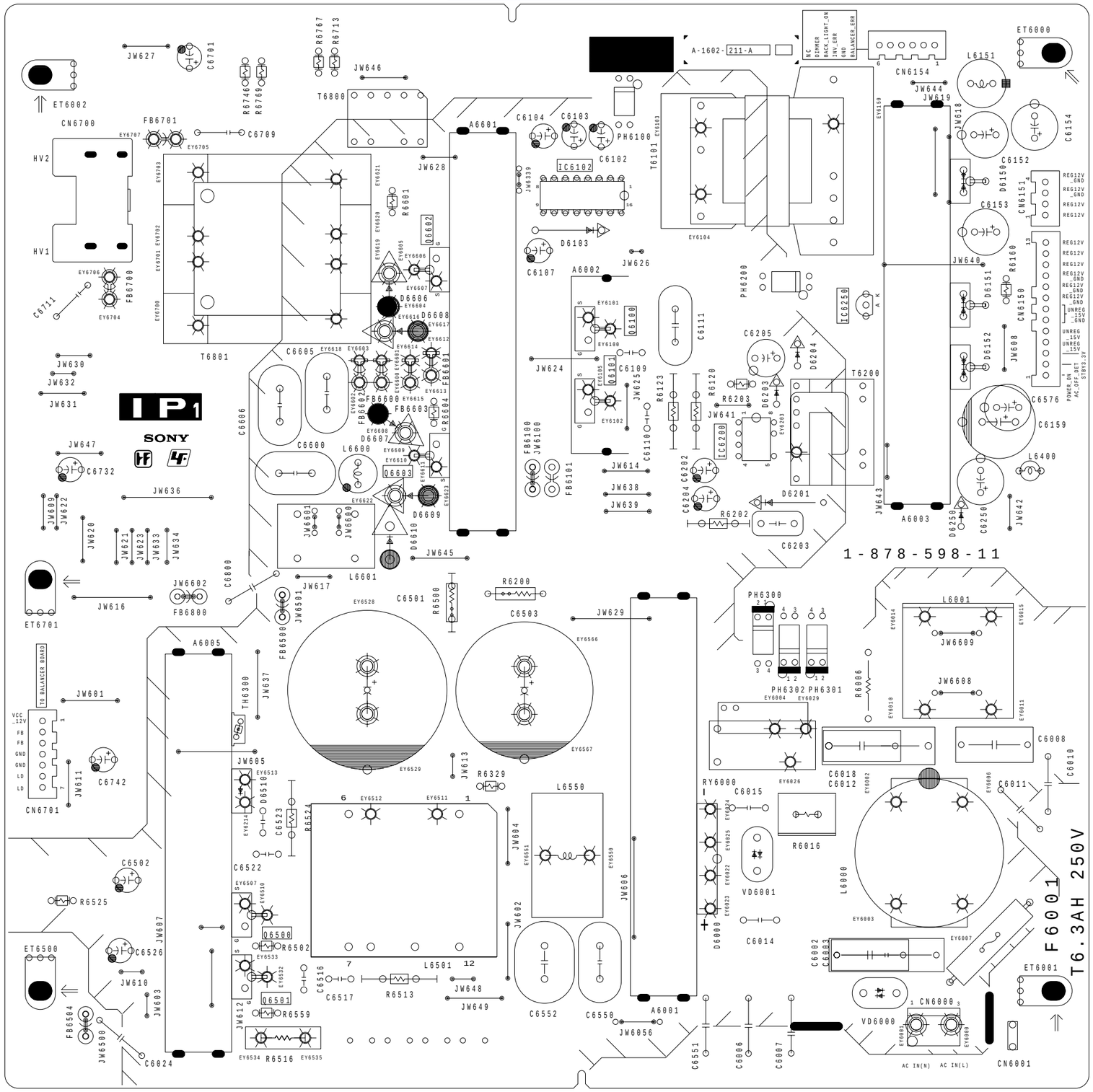


Text Search

~ IP1 Printed Wiring Board Side A ~



~ IP1 Printed Wiring Board Side B ~

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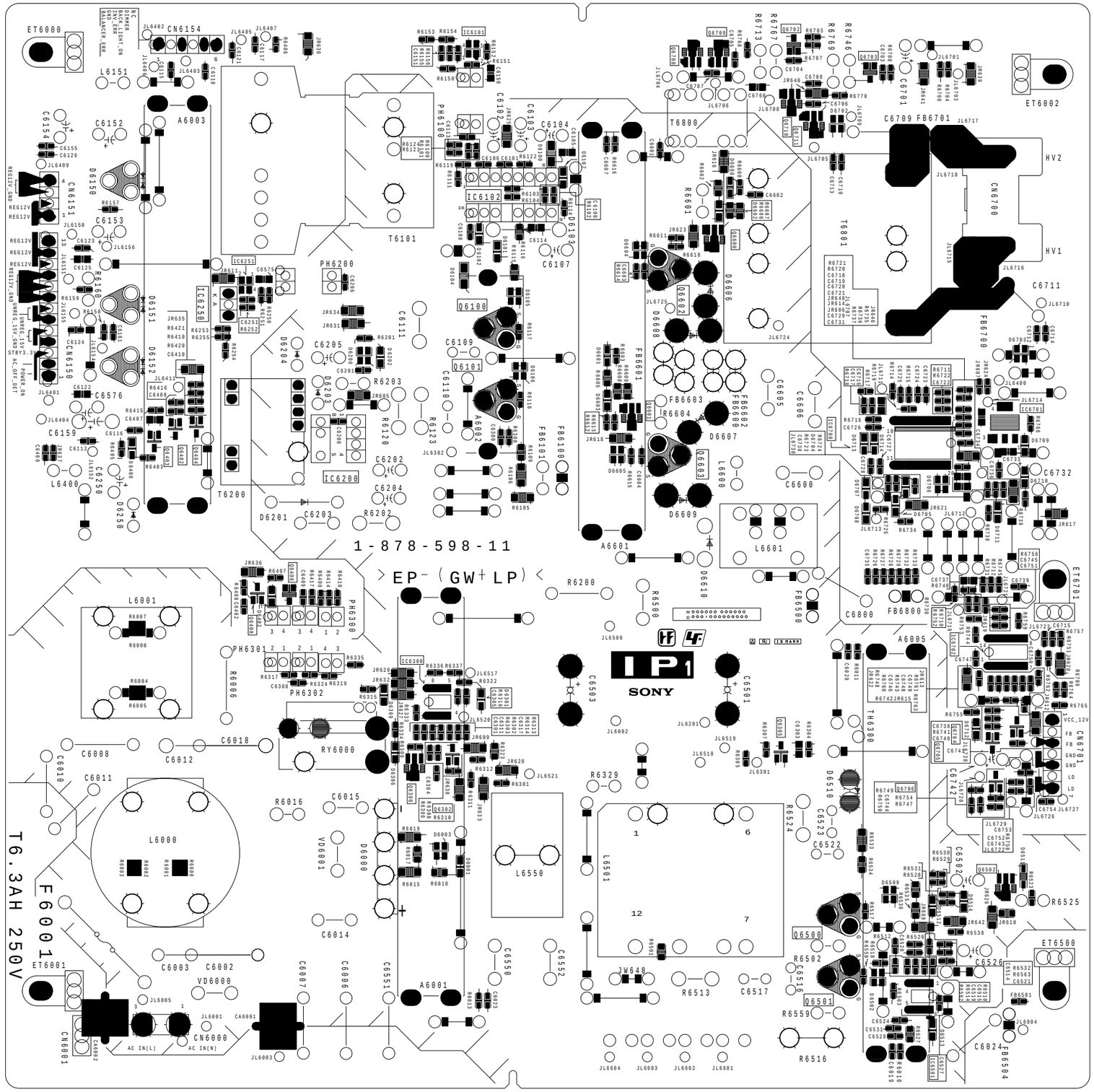
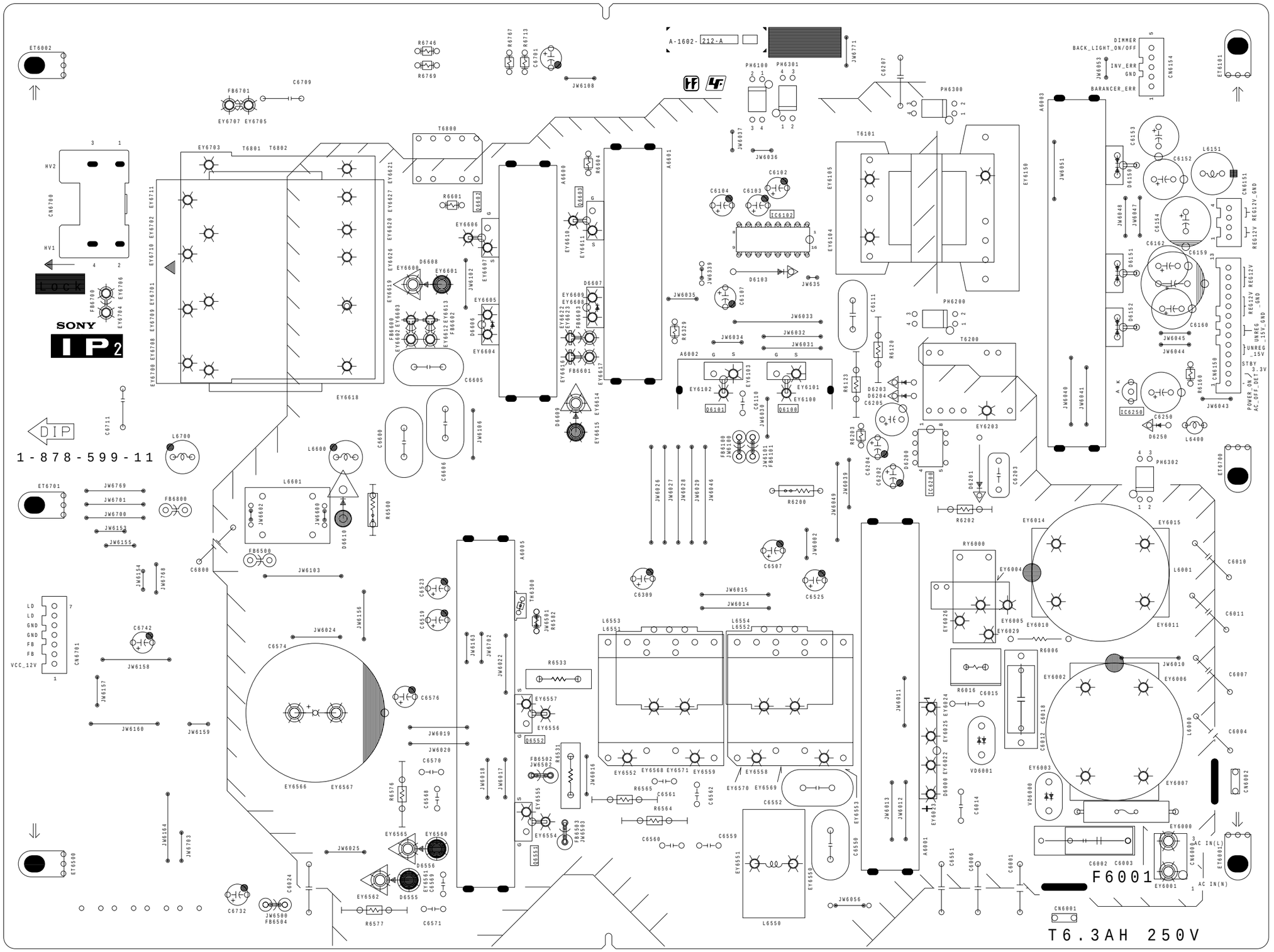


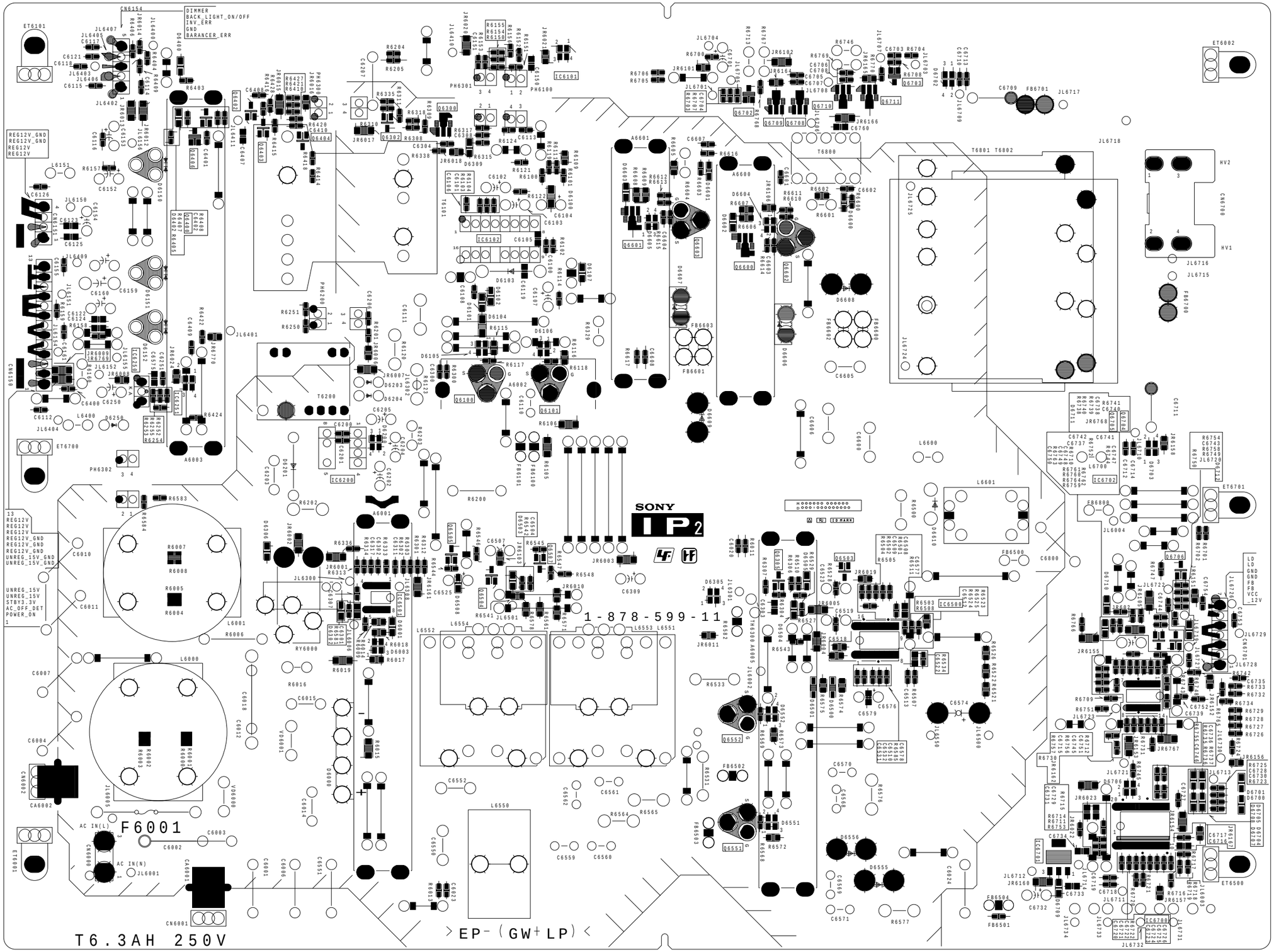
~ IP2 Printed Wiring Board Side A ~

Text Search



~ IP2 Printed Wiring Board Side B ~

Text Search



SECTION 5
EXPLODED VIEWS

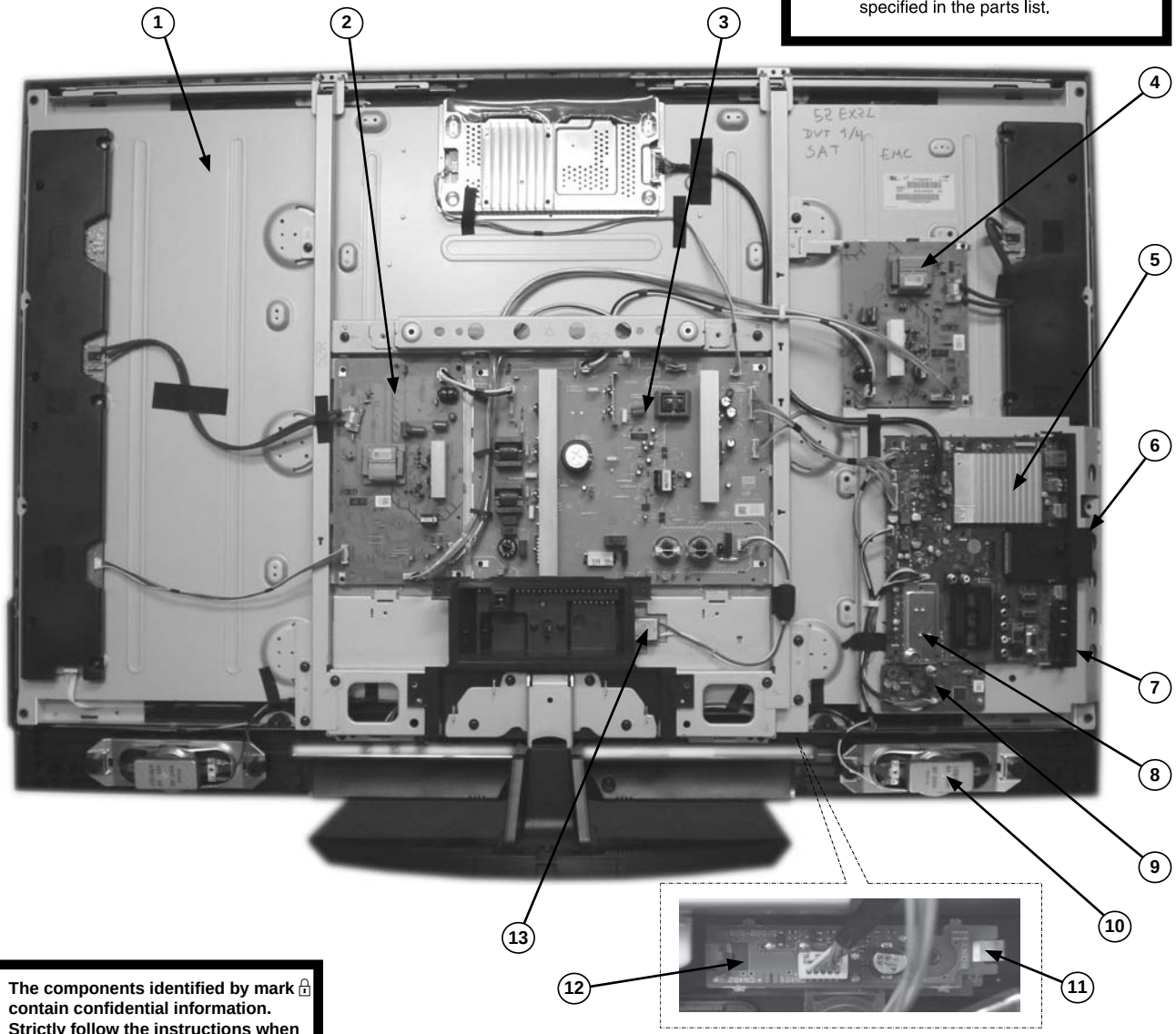
NOTE :

- Non-serviceable items with no part number and no description are not stocked because they are not required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Note : Les composants indentifies par une trame et par une marque ⚠ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

5-1. CHASSIS

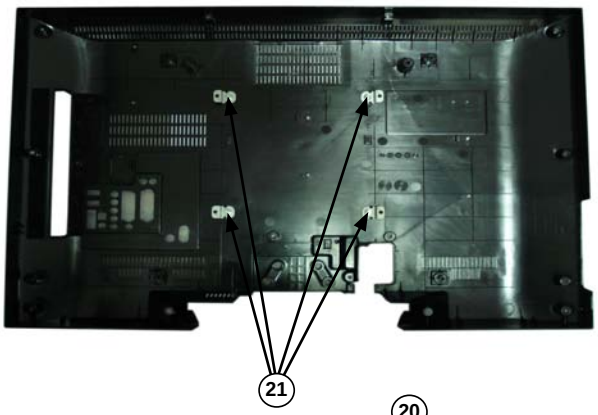


Note : The components identified by mark 🔒 contain confidential information. Strictly follow the instructions when ever the components are repaired and/or replaced.

REF.NO.		PART.NO	DESCRIPTION	REMARK
1	⚠	1-802-886-11	LCD PANEL (32 INCH FHD TFT)	32 inches
	⚠	1-802-885-11	LCD PANEL (37 INCH FHD TFT)	37 inches
	⚠	1-802-877-21	LCD PANEL (40 INCH FHD TFT)	40 inches
	⚠	1-802-876-12	LCD PANEL (46 INCH FHD TFT)	46 inches
	⚠	1-802-875-13	LCD PANEL (52 INCH FHD TFT)	52 inches
2		A-1663-196-A	D5 BOARD, COMPLETE	52 inches
Ver 2.0 3		1-474-152-13	POWER UNIT(G2)	32 inches
		1-474-162-13	POWER UNIT(G4)	37 inches
		A-1660-720-A	IP1 BOARD, COMPLETE	40 inches
		A-1660-728-A	IP2 BOARD, COMPLETE	46 inches
		1-487-340-11	POWER UNIT(G5)	52 inches
4		A-1663-200-A	D6 BOARD, COMPLETE	52 inches
5	🔒	A-1743-179-A	BA BOARD, COMPLETE	

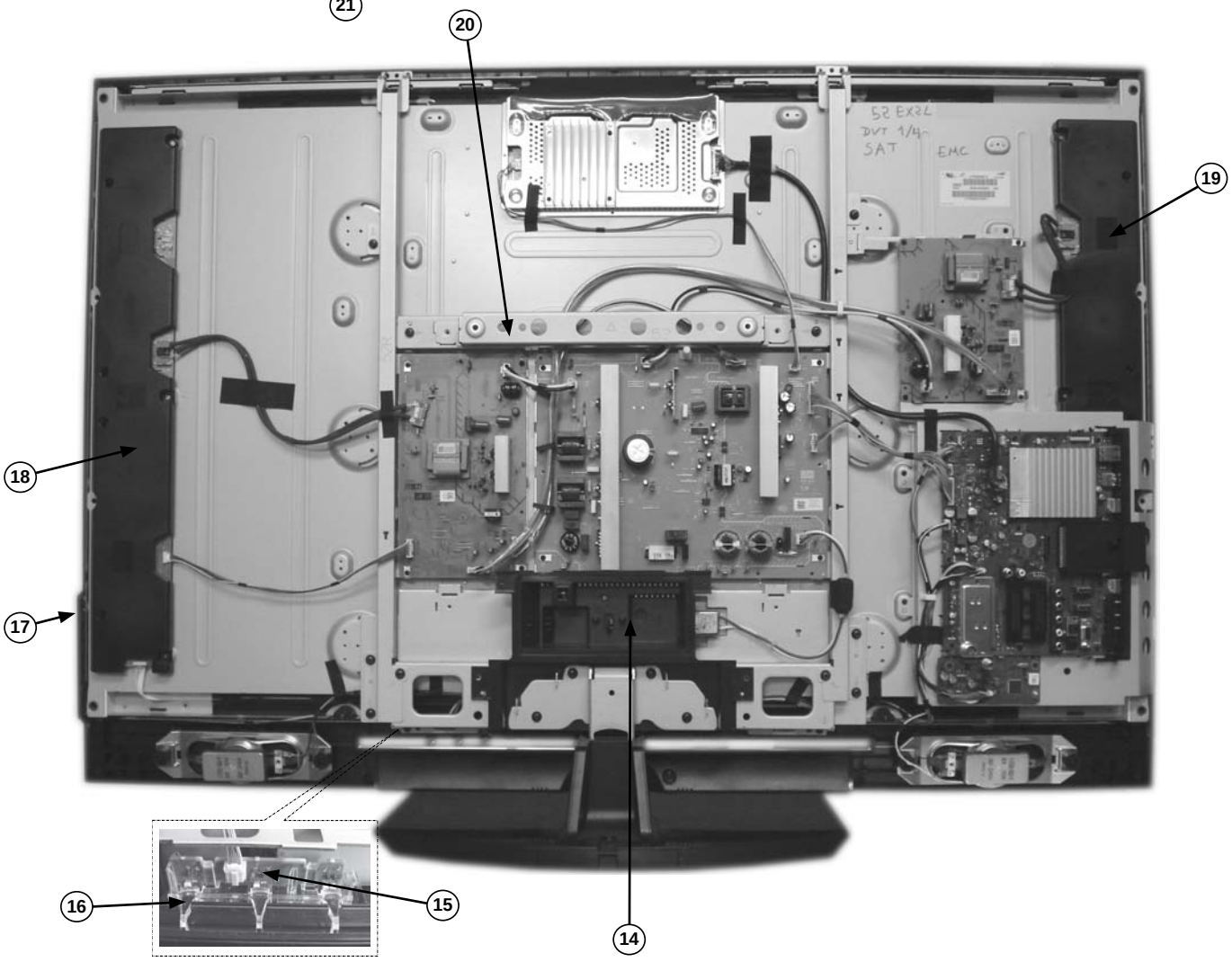
REF.NO.		PART.NO	DESCRIPTION	REMARK
6		*4-136-306-01	CARD, DUMMY	
7		4-132-225-02	BRACKET, SIDE JACK(STD)	
8		8-597-702-00	UNIVERSAL SIL-TU SUT-HE101T	
9		A-1742-442-A	TUS BOARD, COMPLETE	
10		1-858-301-11	LOUDSPEAKER	32 inches
		1-858-184-11	LOUDSPEAKER	37 inches
		1-858-169-11	LOUDSPEAKER	40 inches
		1-858-170-11	LOUDSPEAKER	46 inches
		1-858-183-11	LOUDSPEAKER	52 inches
11		4-123-491-01	GUIDE, IR (B)	
12		A-1704-202-A	HSN BOARD, COMPLETE	
13	⚠	1-822-617-11	AC INLET FILTER	40/46 inches
	⚠	1-822-622-11	AC INLET FILTER	52 inches

5-1. CHASSIS Cont.



Note : Les composants indentifies par une trame et par une marque ⚠ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.



REF.NO.	PART.NO	DESCRIPTION	REMARK
14	4-123-485-01	COVER, UNDER (S)	32 inches
	4-136-502-21	COVER, UNDER (M)	37 inches
	4-123-484-01	COVER, UNDER (M)	40/46 inches
	4-123-483-01	COVER, UNDER (L)	52 inches
15	A-1671-629-A	HL4A BOARD, COMPLETE	
16	4-123-490-01	GUIDE, LED (B-S)	32/37/40 inches
	4-123-489-01	GUIDE, LED (B-L)	46/52 inches
17	1-487-233-11	SWITCH UNIT	

REF.NO.	PART.NO	DESCRIPTION	REMARK
18	1-857-394-11	ETC-INVERTER MT BOARD	32 inches
	1-857-395-11	ETC-INVERTER MT BOARD	37 inches
	1-857-370-11	ETC-INVERTER MT BOARD	40 inches
	1-857-371-11	ETC-INVERTER MT BOARD	46 inches
	1-857-372-11	ETC-INVERTER MT BOARD (LEFT)	52 inches
19	1-857-373-11	ETC-INVERTER MT BOARD (RIGHT)	52 inches
20	4-129-446-01	FRAME, VESA TOP(52)	52 inches
21	4-122-585-01	FRAME, VESA (M6)	

5-2. BEZEL ASSY & STAND ASSY

Note : Les composants indentifies par une trame et par une marque ⚠ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

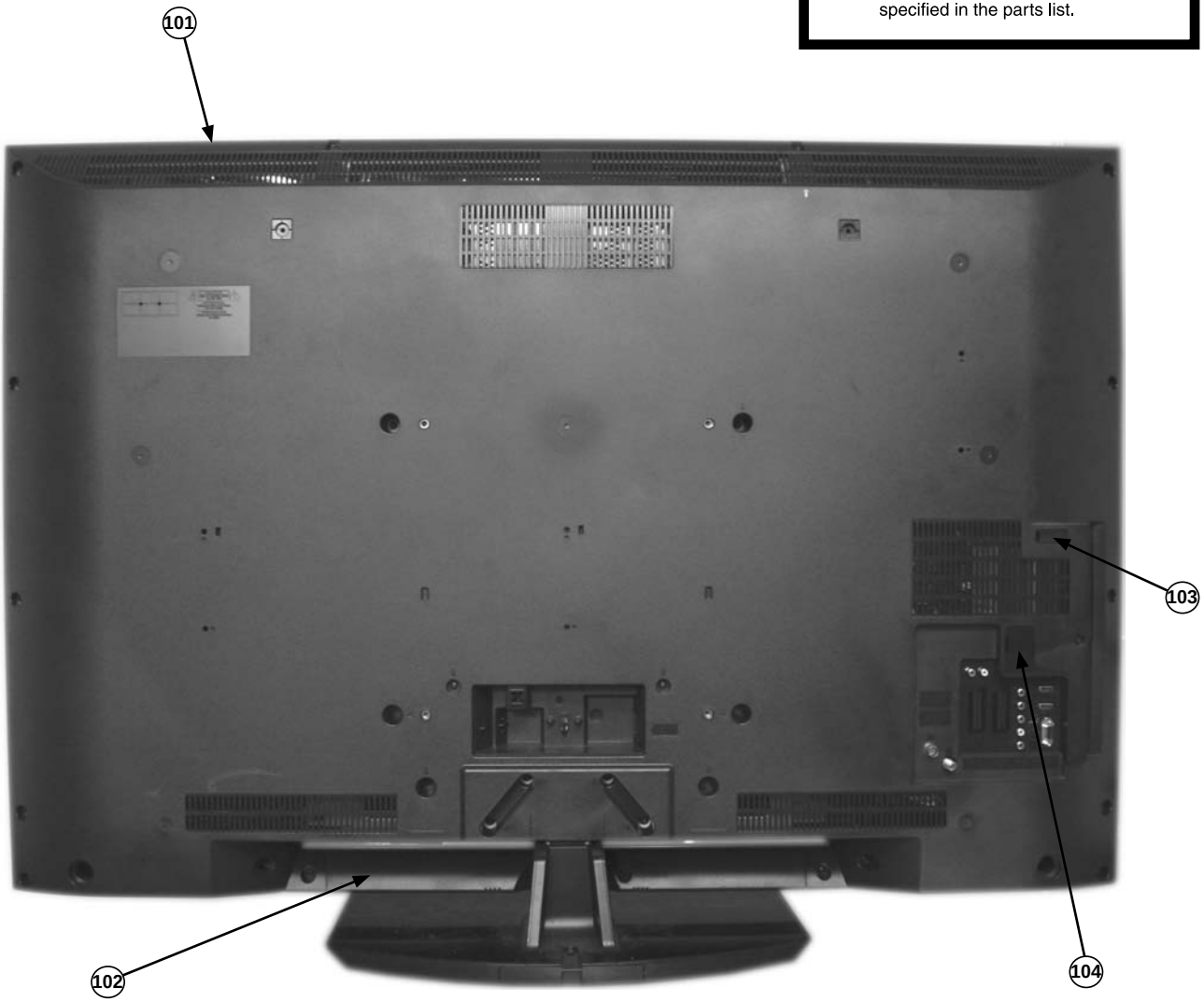
REF.NO.	PART.NO	DESCRIPTION	REMARK
51	X-2348-387-2	BEZEL ASSY (32B)	32 inches
	X-2348-404-2	BEZEL ASSY (37B)	37 inches
	X-2349-430-2	BEZEL ASSY (40B)	40 inches
	X-2348-543-2	BEZEL ASSY (46B)	46 inches
	X-2349-467-1	BEZEL ASSY (52)	52 inches

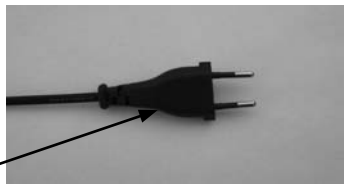
REF.NO.	PART.NO	DESCRIPTION	REMARK
52	X-2349-373-1	STAND ASSY (M2)	32 inches
	X-2345-864-2	STAND ASSY (ML2)	37/40 inches
	X-2345-868-2	STAND ASSY (L2A)	46 inches
	X-2345-870-2	STAND ASSY (LL2A)	52 inches

5-3. REAR COVER ASSY & POWER SUPPLY CORDS

Note : Les composants indentifies par une trame et par une marque ⚠ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.





REF.NO.		PART.NO	DESCRIPTION	REMARK
101		X-2349-457-1	REAR COVER ASSY (32C SAT)	32 inches
		X-2349-459-1	REAR COVER ASSY (37C SAT)	37 inches
		X-2349-461-1	REAR COVER ASSY (40C SAT)	40 inches
		X-2349-464-1	REAR COVER ASSY (46C SAT)	46 inches
		X-2349-466-1	REAR COVER ASSY (52C SAT)	52 inches
102		4-123-488-02	BAR, UNDER (S)	32/37/40 inches
		4-123-487-01	BAR, UNDER (M)	46 inches
		4-123-486-01	BAR, UNDER (L)	52 inches
103		4-122-617-01	COVER,ECS(S)	(TL Jig)
104		3-106-546-31	COVER,ECS	(Memory Stick)
105	⚠	1-832-132-31	POWER-SUPPLY CORD (AEP)	32/37 inches
	⚠	1-835-200-11	POWER-SUPPLY CORD (AEP)	40/46/52 inches
106	⚠	1-832-170-41	POWER-SUPPLY CORD (UK)	32/37 inches
	⚠	1-835-165-11	POWER-SUPPLY CORD (UK)	40/46/52 inches

SECTION 6
ELECTRICAL PARTS LIST

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Note: To ensure safety and reliability it is Sony policy that power supply boards should not be repaired at component level in the field as a result... The D5N, D6N, G2, G4, G5, IP1 and IP2 boards are regarded as non service items for exchange only and are not indicated in the parts list of this service manual.

Note : Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Note : The components identified by mark 🔒 contain confidential information. Strictly follow the instructions when ever the components are repaired and/or replaced.

🔒 A-1743-179-A BA Board, Complete

< CAPACITOR >

REF.NO.	PART.NO	DESCRIPTION	REMARK
C1001	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C1002	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C1003	1-114-325-11	CERAMIC CHIP 0.1UF	10% 25V
C1004	1-114-325-11	CERAMIC CHIP 0.1UF	10% 25V
C1006	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C1007	1-114-553-11	CERAMIC CHIP 10UF	10% 16V
C1008	1-114-553-11	CERAMIC CHIP 10UF	10% 16V
C1010	1-165-872-21	ELECT CHIP 47UF	20% 6.3V
C1011	1-114-532-21	ELECT CHIP 330UF	20% 4V
C1012	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C1013	1-114-332-11	CERAMIC CHIP 22UF	10% 6.3V
C1014	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C1015	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C1017	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C1018	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C1019	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C1020	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V
C1021	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C1022	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V
C1024	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C1303	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C1304	1-114-353-11	CAP, CERAMIC 0.01MF X7R (1410)	
C1306	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C1321	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C1322	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C1324	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C1328	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C1355	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C1357	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C1374	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C1380	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C1381	1-112-776-11	CERAMIC CHIP 0.0047UF	10% 50V
C1382	1-112-068-11	CERAMIC CHIP 220PF	10% 50V
C1384	1-114-553-11	CERAMIC CHIP 10UF	10% 16V
C1385	1-114-325-11	CERAMIC CHIP 0.1UF	10% 25V
C1386	1-114-553-11	CERAMIC CHIP 10UF	10% 16V
C2000	1-164-846-11	CERAMIC CHIP 6PF	0.50PF 50V
C2001	1-164-846-11	CERAMIC CHIP 6PF	0.50PF 50V
C2007	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C2008	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C2009	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2010	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2011	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2012	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2013	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2014	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2015	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2016	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2017	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2018	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2019	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2020	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2021	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2022	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2023	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2024	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2025	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2026	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2027	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2028	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2029	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2030	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2031	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2033	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2034	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2035	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2036	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2037	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2500	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2501	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C2502	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2503	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2505	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2506	1-114-399-21	ELECT CHIP 47UF	20% 6.3V
C3000	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C3001	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C3002	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C3003	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V
C3004	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C3005	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C3006	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C3007	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V
C3008	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C3009	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C3010	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C3011	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C3012	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C3013	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C3014	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C3015	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C3016	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C3017	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C3018	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C3019	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C3020	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C3021	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V

REF.NO.	PART.NO	DESCRIPTION	REMARK		REF.NO.	PART.NO	DESCRIPTION	REMARK	
C3022	1-112-779-11	CERAMIC CHIP 0.047UF	10%	25V	C3083	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C3023	1-114-870-11	CERAMIC CHIP 4.7UF	10%	16V	C3084	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C3025	1-114-870-11	CERAMIC CHIP 4.7UF	10%	16V	C3085	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C3026	1-114-331-11	CERAMIC CHIP 4.7UF	10%	10V	C3086	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C3027	1-114-325-11	CERAMIC CHIP 0.1UF	10%	25V	C3087	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C3028	1-114-532-21	ELECT CHIP 330UF	20%	4V	C3088	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3030	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C3089	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C3031	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C3501	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C3032	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3502	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C3033	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3503	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3034	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3505	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C3035	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3506	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3036	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3507	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3037	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3508	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3038	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3509	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3039	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3510	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3040	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3511	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3041	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3512	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C3042	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3513	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3043	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3514	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C3044	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3515	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3045	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3516	1-114-400-21	ELECT CHIP 100UF	20%	6.3V
C3046	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3517	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C3047	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3518	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C3048	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3519	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C3049	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3520	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3050	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3523	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C3051	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3524	1-100-767-21	ELECT CHIP 220UF	20%	16V
C3052	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3525	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3053	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3526	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C3057	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3527	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C3058	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3801	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3059	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3806	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3060	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3807	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3061	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3808	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3062	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3809	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3063	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3810	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3064	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C3811	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3065	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V	C3812	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3066	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V	C3813	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C3067	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V	C3814	1-114-331-11	CERAMIC CHIP 4.7UF	10%	10V
C3068	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V	C3815	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3069	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V	C4000	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3070	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C4001	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3077	1-100-904-11	CERAMIC CHIP 330PF	10%	50V	C4003	1-164-850-11	CERAMIC CHIP 10PF	0.50PF	50V
C3078	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C4006	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3079	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4007	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C3080	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4008	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3081	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4009	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C3082	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C4010	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V

REF.NO.	PART.NO	DESCRIPTION	REMARK		REF.NO.	PART.NO	DESCRIPTION	REMARK	
C4011	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C4419	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4012	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4420	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4013	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4421	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4014	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4423	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4015	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4424	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4016	1-112-779-11	CERAMIC CHIP 0.047UF	10%	25V	C4425	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4017	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V	C4427	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4018	1-164-878-11	CERAMIC CHIP 150PF	5%	50V	C4428	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4019	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4429	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4020	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4430	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4021	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4431	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4022	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C4432	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4027	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C4433	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4028	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C4434	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4029	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C4502	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4030	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C4503	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4031	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C4504	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C4032	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C4506	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4033	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C4507	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4034	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C4508	1-114-869-11	CERAMIC CHIP 2.2UF	10%	6.3V
C4035	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C4509	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4036	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C4510	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4037	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C4511	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4038	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C4512	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4039	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C4513	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4056	1-114-354-11	CAP, CERAMIC 0.1MF X7R (1410)			C4514	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4057	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4515	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4058	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4516	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4200	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C4517	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4201	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C5004	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4202	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C5005	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4205	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C5006	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4209	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C5007	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4210	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C5009	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4211	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C5010	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4213	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5011	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4214	1-114-331-11	CERAMIC CHIP 4.7UF	10%	10V	C5012	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4401	1-116-079-11	CERAMIC CHIP 10UF	10%	10V	C5027	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4402	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5500	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C4406	1-114-332-11	CERAMIC CHIP 22UF	10%	6.3V	C5501	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C4407	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C5505	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C4408	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5506	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4409	1-112-779-11	CERAMIC CHIP 0.047UF	10%	25V	C5507	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C4410	1-112-779-11	CERAMIC CHIP 0.047UF	10%	25V	C5509	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4411	1-112-779-11	CERAMIC CHIP 0.047UF	10%	25V	C5510	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4413	1-112-779-11	CERAMIC CHIP 0.047UF	10%	25V	C5511	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4414	1-112-779-11	CERAMIC CHIP 0.047UF	10%	25V	C5512	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4415	1-112-779-11	CERAMIC CHIP 0.047UF	10%	25V	C5514	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4416	1-112-779-11	CERAMIC CHIP 0.047UF	10%	25V	C5516	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4417	1-112-779-11	CERAMIC CHIP 0.047UF	10%	25V	C5517	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C5518	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5519	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5522	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5523	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5525	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5528	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5529	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C5530	1-164-852-11	CERAMIC CHIP 12PF	5.00% 50V
C5531	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5533	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5535	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C5536	1-114-130-11	CERAMIC CHIP 1UF	10% 6.3V
C5540	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C5542	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5543	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C5544	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C5546	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5548	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5550	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5551	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5552	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C5553	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C7001	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7007	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7008	1-100-767-21	ELECT CHIP 220UF	20% 16V
C7009	1-114-354-11	CAP, CERAMIC 0.1MF X7R (1410)	
C7010	1-114-354-11	CAP, CERAMIC 0.1MF X7R (1410)	
C7011	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C7012	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7013	1-100-767-21	ELECT CHIP 220UF	20% 16V
C7014	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C7016	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7017	1-114-130-11	CERAMIC CHIP 1UF	10% 6.3V
C7018	1-114-130-11	CERAMIC CHIP 1UF	10% 6.3V
C7020	1-114-354-11	CAP, CERAMIC 0.1MF X7R (1410)	
C7021	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7023	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7025	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C7026	1-114-520-11	CAP, CERAMIC 1MF X6S (1410)	
C7027	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7029	1-114-354-11	CAP, CERAMIC 0.1MF X7R (1410)	
C7030	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C7031	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7032	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C7033	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7034	1-100-767-21	ELECT CHIP 220UF	20% 16V
C7035	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7036	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C7037	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C7038	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C7039	1-114-354-11	CAP, CERAMIC 0.1MF X7R (1410)	
C7040	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7041	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C7042	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C7043	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C7202	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C7203	1-114-193-11	ELECT CHIP 470UF	20% 25V
C7204	1-114-193-11	ELECT CHIP 470UF	20% 25V
C7205	1-114-193-11	ELECT CHIP 470UF	20% 25V
C7206	1-114-325-11	CERAMIC CHIP 0.1UF	10% 25V
C7207	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C7208	1-114-325-11	CERAMIC CHIP 0.1UF	10% 25V
C7209	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C7210	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7211	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C7212	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C7213	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C7214	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7215	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C7216	1-114-325-11	CERAMIC CHIP 0.1UF	10% 25V
C7217	1-114-334-11	CERAMIC CHIP 10UF	10% 25V
C7218	1-114-325-11	CERAMIC CHIP 0.1UF	10% 25V
C7220	1-114-814-11	CERAMIC CHIP 0.33UF	10% 25V
C7221	1-114-814-11	CERAMIC CHIP 0.33UF	10% 25V
C7222	1-114-814-11	CERAMIC CHIP 0.33UF	10% 25V
C7223	1-114-814-11	CERAMIC CHIP 0.33UF	10% 25V
C7224	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C7225	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C7226	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C7227	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C7301	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C7302	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C7303	1-137-942-21	ELECT CHIP 47UF	20% 25V
C7304	1-114-520-11	CAP, CERAMIC 1MF X6S (1410)	
C7305	1-112-776-11	CERAMIC CHIP 0.0047UF	10% 50V
C7306	1-114-520-11	CAP, CERAMIC 1MF X6S (1410)	
C7307	1-112-776-11	CERAMIC CHIP 0.0047UF	10% 50V
C7308	1-114-325-11	CERAMIC CHIP 0.1UF	10% 25V
C7311	1-114-520-11	CAP, CERAMIC 1MF X6S (1410)	
C7312	1-114-325-11	CERAMIC CHIP 0.1UF	10% 25V
C7313	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C7314	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7315	1-114-325-11	CERAMIC CHIP 0.1UF	10% 25V
C7316	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C7318	1-114-325-11	CERAMIC CHIP 0.1UF	10% 25V
C7319	1-114-334-11	CERAMIC CHIP 10UF	10% 25V
C7320	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7321	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C7322	1-116-079-11	CERAMIC CHIP 10UF	10% 10V
C7326	1-114-520-11	CAP, CERAMIC 1MF X6S (1410)	

REF.NO.	PART.NO	DESCRIPTION	REMARK		REF.NO.	PART.NO	DESCRIPTION	REMARK	
C7327	1-114-520-11	CAP, CERAMIC 1MF X6S (1410)			C7914	1-112-775-11	CERAMIC CHIP 0.0022UF	10%	50V
C7328	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C7916	1-114-320-11	CERAMIC CHIP 0.22UF	10%	6.3V
C7329	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C7918	1-114-331-11	CERAMIC CHIP 4.7UF	10%	10V
C7330	1-114-334-11	CERAMIC CHIP 10UF	10%	25V	C7923	1-135-366-11	ELECT CHIP 100UF	20%	16V
C7331	1-100-766-21	ELECT CHIP 47UF	20%	16V	C7925	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C7332	1-100-766-21	ELECT CHIP 47UF	20%	16V	C7927	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C7335	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C7929	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C7336	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C7930	1-114-332-11	CERAMIC CHIP 22UF	10%	6.3V
C7337	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C7931	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C7338	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C7932	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C7341	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C7933	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C7342	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C7936	1-135-366-11	ELECT CHIP 100UF	20%	16V
C7343	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C7937	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C7344	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C7938	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C7345	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C7940	1-135-366-11	ELECT CHIP 100UF	20%	16V
C7346	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C7944	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C7401	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C7945	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C7402	1-114-354-11	CAP, CERAMIC 0.1MF X7R (1410)			C7946	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C7403	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C7955	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C7405	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C7963	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V
C7406	1-112-774-11	CERAMIC CHIP 470PF	10%	50V	C7976	1-135-366-11	ELECT CHIP 100UF	20%	16V
C7407	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C7977	1-135-366-11	ELECT CHIP 100UF	20%	16V
C7408	1-112-774-11	CERAMIC CHIP 470PF	10%	50V	C7978	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C7600	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C7979	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C7601	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C7980	1-135-366-11	ELECT CHIP 100UF	20%	16V
C7602	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C7981	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C7603	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C7983	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C7604	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C7984	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C7605	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C7985	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C7606	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C7986	1-164-872-11	CERAMIC CHIP 82PF	5.00%	50V
C7607	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C7991	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C7608	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C7994	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C7610	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C9602	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C7611	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C9608	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C7612	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C9610	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C7614	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C9612	1-100-831-91	CERAMIC CHIP 0.001UF	2%	50V
C7615	1-114-130-11	CERAMIC CHIP 1UF	10%	6.3V	C9614	1-100-831-91	CERAMIC CHIP 0.001UF	2%	50V
C7617	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V	C9616	1-114-813-11	CERAMIC CHIP 1UF	10%	16V
C7900	1-100-766-21	ELECT CHIP 47UF	20%	16V	C9617	1-114-813-11	CERAMIC CHIP 1UF	10%	16V
C7901	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C9636	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C7903	1-112-778-11	CERAMIC CHIP 0.022UF	10%	25V	C9637	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C7904	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V	C9638	1-162-927-11	CERAMIC CHIP 100PF	5.00%	50V
C7905	1-112-779-11	CERAMIC CHIP 0.047UF	10%	25V	C9639	1-162-927-11	CERAMIC CHIP 100PF	5.00%	50V
C7906	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C9642	1-100-831-91	CERAMIC CHIP 0.001UF	2%	50V
C7907	1-114-332-11	CERAMIC CHIP 22UF	10%	6.3V	C9643	1-100-831-91	CERAMIC CHIP 0.001UF	2%	50V
C7908	1-112-776-11	CERAMIC CHIP 0.0047UF	10%	50V	C9645	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C7909	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C9646	1-114-813-11	CERAMIC CHIP 1UF	10%	16V
C7910	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C9647	1-114-813-11	CERAMIC CHIP 1UF	10%	16V
C7911	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C9648	1-112-068-11	CERAMIC CHIP 220PF	10%	50V
C7913	1-114-399-21	ELECT CHIP 47UF	20%	6.3V	C9649	1-112-068-11	CERAMIC CHIP 220PF	10%	50V

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

BA

REF.NO.	PART.NO	DESCRIPTION	REMARK
C9650	1-112-778-11	CERAMIC CHIP 0.022UF	10% 25V
C9651	1-112-778-11	CERAMIC CHIP 0.022UF	10% 25V
C9803	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C9804	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C9805	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C9806	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C9809	1-114-813-11	CERAMIC CHIP 1UF	10% 16V
C9810	1-114-813-11	CERAMIC CHIP 1UF	10% 16V
C9811	1-114-410-21	CERAMIC CHIP 680PF	2% 50V
C9818	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C9820	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C9821	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C9822	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C9823	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C9824	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C9825	1-114-813-11	CERAMIC CHIP 1UF	10% 16V
C9826	1-114-813-11	CERAMIC CHIP 1UF	10% 16V
C9827	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C9828	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C9839	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C9840	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C9841	1-216-295-91	SHORT CHIP 0	
C9842	1-216-295-91	SHORT CHIP 0	
C9843	1-114-410-21	CERAMIC CHIP 680PF	2% 50V
		< CONNECTOR >	
CN1300	1-819-797-11	HEADER ASSEMBLY FOR PWB 13P	
CN1301	1-819-476-11	HEADER ASSEMBLY FOR PWB 8P	
CN2000	1-821-180-11	MEMORY STICK CONNECTOR	
CN3500	1-822-537-11	ETHERNET CONNECTOR	
CN3501	1-821-834-12	USB CONNECTOR	
CN3800	1-822-579-12	CARD CONNECTOR (PCMCIA CARD)	
CN4501	1-822-656-11	HEADER ASSEMBLY FOR PWB 51P	
CN5502	1-779-936-51	CONNECTOR, FFC/FPC 18P	
CN5503	1-820-235-11	HEADER ASSEMBLY 30P	
CN7201	1-819-461-11	HEADER ASSEMBLY FOR PWB 4P	
CN7600	*1-822-482-11	HDMI CONNECTOR	
CN7601	*1-822-482-11	HDMI CONNECTOR	
CN7602	*1-822-484-11	HDMI CONNECTOR	
CN7603	*1-822-484-11	HDMI CONNECTOR	
CN8300	*1-818-656-21	HEADER ASSEMBLY 30P	
CN9600	*1-821-827-21	D SUB CONNECTOR	
CN9602	*1-822-525-21	OPTICAL OUT CONNECTOR	
CN9803	1-822-580-11	CONNECTOR DUAL SCART	
		< DIODE >	
D1314	6-502-730-01	DI RSX301L-30USTE25	
D5509	8-719-056-48	DIODE 1SS388(TPL3)	
D7203	6-502-247-01	DI KDZTR3.6B	
D7603	6-502-318-01	DI MA4J1130GLS0	
D7604	6-502-318-01	DI MA4J1130GLS0	
D7605	6-502-318-01	DI MA4J1130GLS0	
D7607	6-502-318-01	DI MA4J1130GLS0	
D7608	6-502-150-01	DI MA2SD320G8S0	
D7609	6-502-150-01	DI MA2SD320G8S0	
D7900	8-719-058-24	DIODE RB501V-40TE-17	
D9602	6-502-318-01	DI MA4J1130GLS0	
D9605	6-502-574-01	DI MALH120YGLS0	
D9606	6-502-574-01	DI MALH120YGLS0	
D9807	6-502-574-01	DI MALH120YGLS0	
D9808	6-502-574-01	DI MALH120YGLS0	
D9811	6-501-770-01	DIODE MAZ8130G0LS0	
D9812	6-501-754-01	DIODE MAZ8091G0LS0	
D9814	6-501-754-01	DIODE MAZ8091G0LS0	
D9815	6-501-754-01	DIODE MAZ8091G0LS0	
D9816	6-501-754-01	DIODE MAZ8091G0LS0	
D9817	6-501-754-01	DIODE MAZ8091G0LS0	
D9818	6-502-574-01	DI MALH120YGLS0	
D9819	6-502-574-01	DI MALH120YGLS0	
D9822	6-501-770-01	DIODE MAZ8130G0LS0	
D9824	6-501-754-01	DIODE MAZ8091G0LS0	
D9825	6-501-754-01	DIODE MAZ8091G0LS0	
D9826	6-501-754-01	DIODE MAZ8091G0LS0	
D9827	6-501-754-01	DIODE MAZ8091G0LS0	
D9828	6-501-754-01	DIODE MAZ8091G0LS0	
D9829	6-501-754-01	DIODE MAZ8091G0LS0	
ET2000	1-694-974-21	CONTACT TERMINAL	
ET2001	1-694-974-21	CONTACT TERMINAL	
ET2002	1-694-974-21	CONTACT TERMINAL	
ET2003	1-694-974-21	CONTACT TERMINAL	
ET2004	1-694-974-21	CONTACT TERMINAL	
ET2005	1-694-974-21	CONTACT TERMINAL	
ET2006	1-694-974-21	CONTACT TERMINAL	
ET2007	1-780-317-11	TERMINAL	
		< FUSE >	
F1000 ⚠	1-576-603-11	FUSE	3.15A 24V
F1300 ⚠	1-576-603-11	FUSE	3.15A 24V
F1301 ⚠	1-576-603-11	FUSE	3.15A 24V
F3000 ⚠	1-576-603-11	FUSE	3.15A 24V
F4200 ⚠	1-576-406-11	FUSE	1.4A 32V
F7001 ⚠	1-576-913-11	FUSE	1.6A 36V
F7201 ⚠	1-576-933-21	FUSE	5A 24V
F7401 ⚠	1-576-646-11	FUSE	0.5A 50V
F7900 ⚠	1-576-646-11	FUSE	0.5A 50V
F7902 ⚠	1-576-406-11	FUSE	1.4A 32V
F8300 ⚠	1-576-603-11	FUSE	3.15A 24V
F9600 ⚠	1-576-646-11	FUSE	0.5A 50V
F9800 ⚠	1-576-406-11	FUSE	1.4A 32V

REF.NO.	PART.NO	DESCRIPTION	REMARK
	< FERRITE BEAD >		
FB1000	1-481-515-11	FERRITE 0UH	
FB1302	1-400-834-11	FERRITE 0UH	
FB1303	1-400-834-11	FERRITE 0UH	
FB1305	1-400-834-11	FERRITE 0UH	
FB1309	1-400-834-11	FERRITE 0UH	
FB1310	1-400-089-21	FERRITE 0UH	
FB2000	1-400-461-21	FERRITE 0UH	
FB2001	1-400-461-21	FERRITE 0UH	
FB3502	1-481-466-11	FERRITE 0UH	
FB3503	1-481-466-11	FERRITE 0UH	
FB3504	1-481-466-11	FERRITE 0UH	
FB3505	1-481-466-11	FERRITE 0UH	
FB3506	1-481-466-11	FERRITE 0UH	
FB3800	1-481-517-11	FERRITE 0UH	
FB4000	1-400-462-21	FERRITE 0UH	
FB4001	1-400-462-21	FERRITE 0UH	
FB4002	1-400-462-21	FERRITE 0UH	
FB5000	1-400-462-21	FERRITE 0UH	
FB5001	1-400-462-21	FERRITE 0UH	
FB5500	1-500-922-11	FERRITE 0UH	
FB5501	1-500-922-11	FERRITE 0UH	
FB5502	1-500-922-11	FERRITE 0UH	
FB7001	1-481-517-11	FERRITE 0UH	
FB7201	1-400-089-21	FERRITE 0UH	
FB7202	1-400-089-21	FERRITE 0UH	
FB7203	1-400-089-21	FERRITE 0UH	
FB7204	1-400-089-21	FERRITE 0UH	
FB7900	1-469-869-21	FERRITE 0UH	
FB7901	1-400-834-11	FERRITE 0UH	
FB7902	1-400-834-11	FERRITE 0UH	
FB7903	1-400-834-11	FERRITE 0UH	
FB7904	1-400-834-11	FERRITE 0UH	
FB7905	1-400-834-11	FERRITE 0UH	
FB7906	1-400-834-11	FERRITE 0UH	
FB7907	1-400-834-11	FERRITE 0UH	
FB7908	1-400-834-11	FERRITE 0UH	
FB7909	1-400-834-11	FERRITE 0UH	
FB7910	1-400-834-11	FERRITE 0UH	
FB7911	1-400-834-11	FERRITE 0UH	
FB7917	1-400-462-21	FERRITE 0UH	
FB7919	1-400-461-21	FERRITE 0UH	
FB7920	1-400-461-21	FERRITE 0UH	
FB7921	1-400-179-21	FERRITE 0UH	
FB9804	1-400-461-21	FERRITE 0UH	
FB9805	1-400-461-21	FERRITE 0UH	
FB9806	1-400-461-21	FERRITE 0UH	
FB9807	1-400-461-21	FERRITE 0UH	

REF.NO.	PART.NO	DESCRIPTION	REMARK
	< FILTER >		
FL4500	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL4501	1-200-014-21	FILTER, EMI REMOVAL (SMD)	
FL7600	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	< IC >		
IC1000	6-713-863-01	IC BD9540EFV-E2	
IC1001	6-711-047-01	IC S-1132B18-U5T1G	
IC1002	6-710-941-01	IC MM3141ZNRE(1.07V)	
IC1003	6-711-238-01	IC NJM2878F3-15 (TE2)	
IC1004	6-711-237-01	IC NJM2878F3-33 (TE2)	
IC1308	6-714-032-01	IC BD9321EFJ-E2	
IC2003	6-712-397-01	IC 74AHC1G08GW-125	
IC2501	6-713-835-01	IC K9F1208U0C-PIB0T	
IC2502	6-713-835-01	IC K9F1208U0C-PIB0T	
IC3001	6-710-949-01	IC SN0608006PWPR	
IC3002	6-714-682-01	IC NT5TU64M16DG-AC	
IC3003	6-714-682-01	IC NT5TU64M16DG-AC	
IC3500	6-712-775-11	IC KSZ8041TLTR	
IC3502	6-711-288-01	IC MIC2005-0.5YM6TR	
IC3801	6-714-523-01	IC TC74LCX245FK	
IC3804	6-714-523-01	IC TC74LCX245FK	
IC3805	6-714-523-01	IC TC74LCX245FK	
IC3806	6-714-523-01	IC TC74LCX245FK	
IC3807	6-714-523-01	IC TC74LCX245FK	
IC3808	6-714-523-01	IC TC74LCX245FK	
IC3809	6-714-523-01	IC TC74LCX245FK	
IC3810	6-711-288-01	IC MIC2005-0.5YM6TR	
IC4200	8-753-289-76	IC CXA2241Q-T4	
IC4400	6-708-641-11	IC SAA7115AHL/V1,518	
IC5500	6-713-333-11	IC PST8429UL	
IC5501	6-711-047-01	IC S-1132B18-U5T1G	
IC5502	6-713-820-01	IC MB91F313APMC-GE1	
IC5503	6-710-786-01	IC TC7SH125FU(T5RSOYF	
IC5504	6-710-786-01	IC TC7SH125FU(T5RSOYF	
IC5505	6-704-573-01	IC M24C32-WMN6T(B)	
IC5506	6-713-333-11	IC PST8429UL	
IC5507	6-713-836-01	IC LM75BD	
IC5508	6-712-393-01	IC 74AHC1G00GW-125	
IC7001	6-706-489-01	IC TC7SH32FU(T5RSOYJF)	
IC7003	6-712-974-01	IC CXD9926ATQ	
IC7201	6-713-875-01	IC TAS5602DCAR	
IC7301	8-753-314-50	IC CXA3785R-T6	
IC7401	6-713-862-01	IC AK4388AET-E2	
IC7453	6-711-237-01	IC NJM2878F3-33 (TE2)	
IC7600	8-753-310-83	IC CXB1447R-T6	
IC7601	6-704-600-01	IC M24C02-WMN6T(B)	
IC7902	6-711-132-01	IC MM3291CNRE	
IC7905	6-710-532-01	IC NJM2878F4-25(TE2)	

REF.NO.	PART.NO	DESCRIPTION	REMARK
IC9600	6-704-600-01	IC M24C02-WMN6T(B)	
IC9601	6-708-132-01	IC 74LVC14APW	
		< SOCKET >	
J9600	*1-822-524-31	PHONO JACK 2P	
J9601	1-822-528-11	JACK	
J9605	1-822-581-12	MULTIPLE PHONO JACK 4P	
J9800	1-822-523-11	PHONO JACK 5P	
		< COIL >	
L1002	1-457-714-11	INDUCTOR	4.7UH
L1003	1-457-744-11	INDUCTOR	1.5UH
L1307	1-457-455-11	INDUCTOR	10UH
L1308	1-424-918-21	INDUCTOR	10UH
L3000	1-457-730-11	INDUCTOR	2.2UH
L3500	1-457-223-11	INDUCTOR	0UH
L4001	1-469-556-21	INDUCTOR	15UH
L4200	1-469-557-21	INDUCTOR	22UH
L4401	1-481-521-11	INDUCTOR	1UH
L4514	1-481-521-11	INDUCTOR	1UH
L4515	1-457-539-11	INDUCTOR	0UH
L4516	1-457-539-11	INDUCTOR	0UH
L4517	1-457-539-11	INDUCTOR	0UH
L4518	1-457-539-11	INDUCTOR	0UH
L4519	1-457-539-11	INDUCTOR	0UH
L4520	1-457-539-11	INDUCTOR	0UH
L7002	1-481-524-11	INDUCTOR	10UH
L7201	1-457-754-11	INDUCTOR	22UH
L7204	1-457-754-11	INDUCTOR	22UH
L7302	1-481-524-11	INDUCTOR	10UH
L7303	1-481-524-11	INDUCTOR	10UH
L7401	1-481-524-11	INDUCTOR	10UH
L7600	1-456-844-11	INDUCTOR	0UH
L7601	1-456-844-11	INDUCTOR	0UH
L7602	1-456-844-11	INDUCTOR	0UH
L7603	1-456-844-11	INDUCTOR	0UH
L7604	1-456-844-11	INDUCTOR	0UH
L7605	1-456-844-11	INDUCTOR	0UH
L7606	1-456-844-11	INDUCTOR	0UH
L7607	1-456-844-11	INDUCTOR	0UH
L7901	1-469-549-21	INDUCTOR	1UH
L7902	1-400-791-21	INDUCTOR	10UH
L7903	1-412-990-41	INDUCTOR	8.2UH
L7905	1-400-791-21	INDUCTOR	10UH
L7907	1-400-791-21	INDUCTOR	10UH
L7913	1-469-555-21	INDUCTOR	10UH
L9600	1-400-177-21	FERRITE	0UH
L9800	1-469-557-21	INDUCTOR	22UH

REF.NO.	PART.NO	DESCRIPTION	REMARK
		< TRANSISTOR >	
Q1000	6-550-354-01	TRANSISTOR RTQ035P02TR	
Q1001	6-551-815-01	TR UNR52A1G0LS0	
Q1002	6-552-215-01	TR RRS100N03FPFTB1	
Q1003	6-552-215-01	TR RRS100N03FPFTB1	
Q1004	6-552-212-01	TR MP6K61FU7TR	
Q1304	6-551-690-01	TRANSISTOR RT3N11M-TP-1	
Q1309	8-729-907-00	TRANSISTOR DTC114EU	
Q1312	6-550-369-01	TRANSISTOR TPC8109(TE12L)	
Q1420	6-551-690-01	TRANSISTOR RT3N11M-TP-1	
Q1421	6-551-690-01	TRANSISTOR RT3N11M-TP-1	
Q2500	6-551-775-01	TR 2SA2122G0LS0	
Q2501	6-551-815-01	TR UNR52A1G0LS0	
Q3000	6-552-212-01	TR MP6K61FU7TR	
Q4000	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q4031	6-551-775-01	TR 2SA2122G0LS0	
Q4200	6-551-903-01	TR RT3S02M-T111-1	
Q4201	6-551-903-01	TR RT3S02M-T111-1	
Q4202	6-551-903-01	TR RT3S02M-T111-1	
Q4401	6-551-321-01	TRANSISTOR RT3WLMM-TP-1F	
Q5500	6-551-775-01	TR 2SA2122G0LS0	
Q5501	6-551-815-01	TR UNR52A1G0LS0	
Q5503	6-551-825-01	TR UNR52A5G0LS0	
Q5504	6-551-321-01	TRANSISTOR RT3WLMM-TP-1F	
Q5507	6-551-815-01	TR UNR52A1G0LS0	
Q5510	6-551-824-01	TR UNR51A5G0LS0	
Q5512	6-552-110-01	TR UNR52AMG0LS0	
Q7201	6-551-969-01	TR RT3P55M-TP-1	
Q7302	6-551-551-01	TRANSISTOR RT3N77M-TP-1	
Q7303	6-551-943-01	TR RT3XBBM-T111-1	
Q7304	6-551-551-01	TRANSISTOR RT3N77M-TP-1	
Q7305	6-551-551-01	TRANSISTOR RT3N77M-TP-1	
Q7306	6-551-943-01	TR RT3XBBM-T111-1	
Q7307	6-551-943-01	TR RT3XBBM-T111-1	
Q7308	6-551-691-01	TRANSISTOR RT3P11M-TP-1	
Q7309	6-551-943-01	TR RT3XBBM-T111-1	
Q7901	6-551-904-01	TR RT3S03M-T111-1	
Q7902	6-551-904-01	TR RT3S03M-T111-1	
Q7903	6-551-775-01	TR 2SA2122G0LS0	
Q7905	6-551-775-01	TR 2SA2122G0LS0	
Q7906	6-551-775-01	TR 2SA2122G0LS0	
Q7910	6-551-776-01	TR 2SC5950G0LS0	
Q7914	6-551-904-01	TR RT3S03M-T111-1	
Q7916	6-551-776-01	TR 2SC5950G0LS0	
Q7917	6-551-775-01	TR 2SA2122G0LS0	
Q9601	6-551-815-01	TR UNR52A1G0LS0	
Q9806	6-551-776-01	TR 2SC5950G0LS0	
Q9812	6-551-776-01	TR 2SC5950G0LS0	
Q9813	6-551-272-01	TRANSISTOR RT3CLLM	

REF.NO.	PART.NO	DESCRIPTION			REMARK
Q9814	6-551-272-01	TRANSISTOR RT3CLLM			
		< RESISTOR >			
R1000	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1001	1-218-985-11	METAL CHIP	470K	5%	1/16W
R1002	1-208-711-11	METAL CHIP	15K	0.5%	1/16W
R1003	1-208-698-11	METAL CHIP	4.3K	0.5%	1/16W
R1004	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R1005	1-208-698-11	METAL CHIP	4.3K	0.5%	1/16W
R1006	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1007	1-218-978-11	METAL CHIP	120K	5%	1/16W
R1008	1-218-953-11	METAL CHIP	1K	5%	1/16W
R1009	1-218-974-11	METAL CHIP	56K	5%	1/16W
R1300	1-218-990-81	SHORT CHIP	0		
R1301	1-218-990-81	SHORT CHIP	0		
R1303	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1304	1-218-969-11	METAL CHIP	22K	5%	1/16W
R1311	1-218-990-81	SHORT CHIP	0		
R1313	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R1317	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R1321	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1322	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1324	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1328	1-218-941-81	METAL CHIP	100	5%	1/16W
R1331	1-218-983-11	METAL CHIP	330K	5%	1/16W
R1362	1-208-931-11	METAL CHIP	68K	0.5%	1/16W
R1363	1-218-977-11	METAL CHIP	100K	5%	1/16W
R1405	1-218-990-81	SHORT CHIP	0		
R1406	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1407	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R1408	1-208-709-11	METAL CHIP	12K	0.5%	1/16W
R1410	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R1420	1-218-977-11	METAL CHIP	100K	5%	1/16W
R1421	1-218-969-11	METAL CHIP	22K	5%	1/16W
R1500	1-218-990-81	SHORT CHIP	0		
R2001	1-218-941-81	METAL CHIP	100	5%	1/16W
R2002	1-218-937-11	METAL CHIP	47	5%	1/16W
R2008	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2010	1-218-990-81	SHORT CHIP	0		
R2011	1-218-937-11	METAL CHIP	47	5%	1/16W
R2012	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2017	1-218-937-11	METAL CHIP	47	5%	1/16W
R2021	1-218-941-81	METAL CHIP	100	5%	1/16W
R2035	1-218-941-81	METAL CHIP	100	5%	1/16W
R2040	1-218-937-11	METAL CHIP	47	5%	1/16W
R2041	1-218-937-11	METAL CHIP	47	5%	1/16W
R2043	1-218-939-11	METAL CHIP	68	5%	1/16W
R2045	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2046	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2047	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R2048	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2049	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R2050	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R2051	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R2056	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2057	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2066	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2068	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2070	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2076	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2086	1-208-883-81	METAL CHIP	680	0.5%	1/16W
R2087	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R2088	1-208-687-11	METAL CHIP	1.5K	0.5%	1/16W
R2100	1-218-937-11	METAL CHIP	47	5%	1/16W
R2138	1-218-937-11	METAL CHIP	47	5%	1/16W
R2139	1-218-937-11	METAL CHIP	47	5%	1/16W
R2140	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2141	1-218-937-11	METAL CHIP	47	5%	1/16W
R2142	1-218-937-11	METAL CHIP	47	5%	1/16W
R2143	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2144	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2145	1-218-990-81	SHORT CHIP	0		
R2146	1-218-990-81	SHORT CHIP	0		
R2147	1-218-990-81	SHORT CHIP	0		
R2148	1-218-990-81	SHORT CHIP	0		
R2149	1-218-990-81	SHORT CHIP	0		
R2150	1-218-990-81	SHORT CHIP	0		
R2151	1-218-990-81	SHORT CHIP	0		
R2152	1-218-990-81	SHORT CHIP	0		
R2506	1-218-937-11	METAL CHIP	47	5%	1/16W
R2510	1-218-937-11	METAL CHIP	47	5%	1/16W
R2514	1-218-937-11	METAL CHIP	47	5%	1/16W
R2517	1-218-933-11	METAL CHIP	22	5%	1/16W
R2518	1-218-933-11	METAL CHIP	22	5%	1/16W
R2519	1-218-933-11	METAL CHIP	22	5%	1/16W
R2530	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2579	1-218-937-11	METAL CHIP	47	5%	1/16W
R2580	1-218-937-11	METAL CHIP	47	5%	1/16W
R2605	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2608	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2612	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2616	1-218-949-11	METAL CHIP	470	5%	1/16W
R2657	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2674	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2675	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2704	1-218-953-11	METAL CHIP	1K	5%	1/16W
R2705	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2706	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R2707	1-218-937-11	METAL CHIP	47	5%	1/16W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R2709	1-218-941-81	METAL CHIP	100	5%	1/16W
R3000	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R3001	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R3002	1-208-663-11	METAL CHIP	150	0.5%	1/16W
R3003	1-208-663-11	METAL CHIP	150	0.5%	1/16W
R3009	1-218-990-81	SHORT CHIP	0		
R3010	1-218-990-81	SHORT CHIP	0		
R3013	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3038	1-218-929-11	METAL CHIP	10	5%	1/16W
R3044	1-208-860-81	METAL CHIP	75	0.5%	1/16W
R3045	1-208-860-81	METAL CHIP	75	0.5%	1/16W
R3046	1-208-860-81	METAL CHIP	75	0.5%	1/16W
R3047	1-208-860-81	METAL CHIP	75	0.5%	1/16W
R3050	1-208-663-11	METAL CHIP	150	0.5%	1/16W
R3051	1-208-663-11	METAL CHIP	150	0.5%	1/16W
R3052	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R3053	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R3054	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R3055	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R3060	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3061	1-208-711-11	METAL CHIP	15K	0.5%	1/16W
R3501	1-218-941-11	METAL CHIP	100	5%	1/16W
R3502	1-218-941-11	METAL CHIP	100	5%	1/16W
R3503	1-218-941-11	METAL CHIP	100	5%	1/16W
R3504	1-218-941-11	METAL CHIP	100	5%	1/16W
R3505	1-218-941-11	METAL CHIP	100	5%	1/16W
R3506	1-218-941-11	METAL CHIP	100	5%	1/16W
R3507	1-218-941-11	METAL CHIP	100	5%	1/16W
R3508	1-218-941-11	METAL CHIP	100	5%	1/16W
R3510	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R3511	1-218-939-11	METAL CHIP	68	5%	1/16W
R3512	1-218-937-11	METAL CHIP	47	5%	1/16W
R3513	1-218-978-11	METAL CHIP	120K	5%	1/16W
R3518	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R3524	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3525	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R3528	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3530	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3534	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3536	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3541	1-220-884-81	METAL CHIP	39	0.5%	1/16W
R3542	1-220-884-81	METAL CHIP	39	0.5%	1/16W
R3544	1-208-688-11	METAL CHIP	1.6K	0.5%	1/16W
R3545	1-218-967-11	METAL CHIP	15K	5%	1/16W
R3546	1-218-967-11	METAL CHIP	15K	5%	1/16W
R3558	1-218-937-11	METAL CHIP	47	5%	1/16W
R3561	1-218-937-11	METAL CHIP	47	5%	1/16W
R3803	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3806	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3807	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3809	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3810	1-218-937-11	METAL CHIP	47	5%	1/16W
R3811	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3812	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3813	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3814	1-218-941-81	METAL CHIP	100	5%	1/16W
R3815	1-218-941-81	METAL CHIP	100	5%	1/16W
R3816	1-218-941-81	METAL CHIP	100	5%	1/16W
R3817	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3818	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3819	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3820	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3821	1-218-937-11	METAL CHIP	47	5%	1/16W
R3822	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3823	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4001	1-218-990-81	SHORT CHIP	0		
R4002	1-218-990-81	SHORT CHIP	0		
R4003	1-218-941-81	METAL CHIP	100	5%	1/16W
R4004	1-218-945-11	METAL CHIP	220	5%	1/16W
R4005	1-220-177-81	METAL CHIP	360	5%	1/16W
R4008	1-218-943-11	METAL CHIP	150	5%	1/16W
R4010	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R4011	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R4012	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R4013	1-218-939-11	METAL CHIP	68	5%	1/16W
R4014	1-218-939-11	METAL CHIP	68	5%	1/16W
R4015	1-218-939-11	METAL CHIP	68	5%	1/16W
R4042	1-218-949-11	METAL CHIP	470	5%	1/16W
R4047	1-218-990-81	SHORT CHIP	0		
R4049	1-218-990-81	SHORT CHIP	0		
R4070	1-218-938-11	METAL CHIP	56	5%	1/16W
R4072	1-218-939-11	METAL CHIP	68	5%	1/16W
R4074	1-218-939-11	METAL CHIP	68	5%	1/16W
R4091	1-208-855-81	METAL CHIP	47	0.5%	1/16W
R4093	1-208-855-81	METAL CHIP	47	0.5%	1/16W
R4095	1-208-855-81	METAL CHIP	47	0.5%	1/16W
R4097	1-208-855-81	METAL CHIP	47	0.5%	1/16W
R4099	1-208-855-81	METAL CHIP	47	0.5%	1/16W
R4101	1-208-855-81	METAL CHIP	47	0.5%	1/16W
R4102	1-208-687-11	METAL CHIP	1.5K	0.5%	1/16W
R4103	1-208-687-11	METAL CHIP	1.5K	0.5%	1/16W
R4119	1-218-990-81	SHORT CHIP	0		
R4120	1-218-990-81	SHORT CHIP	0		
R4121	1-218-941-81	METAL CHIP	100	5%	1/16W
R4122	1-218-941-81	METAL CHIP	100	5%	1/16W
R4123	1-208-643-11	METAL CHIP	22	0.5%	1/16W
R4124	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R4125	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R4126	1-220-880-81	METAL CHIP	27	0.5%	1/16W
R4127	1-220-880-81	METAL CHIP	27	0.5%	1/16W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R4128	1-220-880-81	METAL CHIP	27	0.5%	1/16W
R4129	1-220-880-81	METAL CHIP	27	0.5%	1/16W
R4130	1-220-880-81	METAL CHIP	27	0.5%	1/16W
R4131	1-220-880-81	METAL CHIP	27	0.5%	1/16W
R4144	1-208-687-11	METAL CHIP	1.5K	0.5%	1/16W
R4145	1-208-687-11	METAL CHIP	1.5K	0.5%	1/16W
R4146	1-208-687-11	METAL CHIP	1.5K	0.5%	1/16W
R4153	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R4154	1-218-990-81	SHORT CHIP	0		
R4201	1-218-941-81	METAL CHIP	100	5%	1/16W
R4203	1-218-962-11	METAL CHIP	5.6K	5%	1/16W
R4204	1-218-962-11	METAL CHIP	5.6K	5%	1/16W
R4205	1-218-941-81	METAL CHIP	100	5%	1/16W
R4207	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4208	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4216	1-218-990-81	SHORT CHIP	0		
R4217	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4218	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4401	1-208-889-11	METAL CHIP	1.2K	0.5%	1/16W
R4403	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R4405	1-208-677-11	METAL CHIP	560	0.5%	1/16W
R4409	1-218-990-81	SHORT CHIP	0		
R4411	1-218-933-11	METAL CHIP	22	5%	1/16W
R4420	1-218-937-11	METAL CHIP	47	5%	1/16W
R4421	1-218-937-11	METAL CHIP	47	5%	1/16W
R4422	1-216-295-91	SHORT CHIP	0		
R4505	1-208-893-11	METAL CHIP	1.8K	0.5%	1/16W
R4506	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R4507	1-218-990-81	SHORT CHIP	0		
R4512	1-216-864-11	SHORT CHIP	0		
R4513	1-216-864-11	SHORT CHIP	0		
R4514	1-242-967-81	METAL CHIP	1	5%	1/16W
R4517	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R4525	1-218-941-81	METAL CHIP	100	5%	1/16W
R4531	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4532	1-218-990-81	SHORT CHIP	0		
R5020	1-218-937-11	METAL CHIP	47	5%	1/16W
R5023	1-218-937-11	METAL CHIP	47	5%	1/16W
R5024	1-218-937-11	METAL CHIP	47	5%	1/16W
R5025	1-218-937-11	METAL CHIP	47	5%	1/16W
R5051	1-218-937-11	METAL CHIP	47	5%	1/16W
R5500	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R5501	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R5502	1-208-695-11	METAL CHIP	3.3K	0.5%	1/16W
R5503	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R5504	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5507	1-218-977-11	METAL CHIP	100K	5%	1/16W
R5510	1-218-949-11	METAL CHIP	470	5%	1/16W
R5511	1-218-937-11	METAL CHIP	47	5%	1/16W
R5512	1-218-937-11	METAL CHIP	47	5%	1/16W
R5513	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5514	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5518	1-245-604-11	METAL CHIP	10M	5%	1/16W
R5519	1-218-941-81	METAL CHIP	100	5%	1/16W
R5520	1-218-981-91	METAL CHIP	220K	5%	1/16W
R5521	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R5523	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5526	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5529	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5532	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5534	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R5535	1-218-953-11	METAL CHIP	1K	5%	1/16W
R5536	1-218-990-81	SHORT CHIP	0		
R5538	1-218-945-11	METAL CHIP	220	5%	1/16W
R5540	1-208-711-11	METAL CHIP	15K	0.5%	1/16W
R5542	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R5545	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5546	1-208-931-11	METAL CHIP	68K	0.5%	1/16W
R5550	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5552	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5553	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5554	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5555	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5559	1-218-937-11	METAL CHIP	47	5%	1/16W
R5560	1-218-937-11	METAL CHIP	47	5%	1/16W
R5561	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5563	1-218-941-81	METAL CHIP	100	5%	1/16W
R5564	1-218-941-81	METAL CHIP	100	5%	1/16W
R5567	1-218-941-81	METAL CHIP	100	5%	1/16W
R5568	1-218-941-81	METAL CHIP	100	5%	1/16W
R5569	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5570	1-218-953-11	METAL CHIP	1K	5%	1/16W
R5571	1-218-977-11	METAL CHIP	100K	5%	1/16W
R5572	1-218-977-11	METAL CHIP	100K	5%	1/16W
R5576	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5577	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5578	1-208-939-11	METAL CHIP	150K	0.5%	1/16W
R5579	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R5582	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5594	1-218-941-81	METAL CHIP	100	5%	1/16W
R5599	1-218-953-11	METAL CHIP	1K	5%	1/16W
R5603	1-218-953-11	METAL CHIP	1K	5%	1/16W
R5604	1-218-947-11	METAL CHIP	330	5%	1/16W
R5605	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5803	1-216-864-11	SHORT CHIP	0		
R7003	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7017	1-218-953-11	METAL CHIP	1K	5%	1/16W
R7024	1-220-199-81	METAL CHIP	24K	5%	1/16W
R7025	1-218-990-81	SHORT CHIP	0		
R7026	1-218-945-11	METAL CHIP	220	5%	1/16W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R7027	1-218-945-11	METAL CHIP	220	5%	1/16W
R7028	1-218-989-11	METAL CHIP	1M	5%	1/16W
R7030	1-218-990-81	SHORT CHIP	0		
R7031	1-218-990-81	SHORT CHIP	0		
R7034	1-218-990-81	SHORT CHIP	0		
R7035	1-218-990-81	SHORT CHIP	0		
R7036	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7037	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7038	1-218-990-81	SHORT CHIP	0		
R7201	1-218-990-81	SHORT CHIP	0		
R7202	1-218-990-81	SHORT CHIP	0		
R7204	1-218-990-81	SHORT CHIP	0		
R7209	1-218-953-11	METAL CHIP	1K	5%	1/16W
R7211	1-218-977-11	METAL CHIP	100K	5%	1/16W
R7212	1-218-977-11	METAL CHIP	100K	5%	1/16W
R7213	1-218-977-11	METAL CHIP	100K	5%	1/16W
R7214	1-218-977-11	METAL CHIP	100K	5%	1/16W
R7302	1-218-990-81	SHORT CHIP	0		
R7303	1-218-990-81	SHORT CHIP	0		
R7304	1-218-990-81	SHORT CHIP	0		
R7305	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7313	1-218-990-81	SHORT CHIP	0		
R7314	1-218-990-81	SHORT CHIP	0		
R7401	1-218-953-11	METAL CHIP	1K	5%	1/16W
R7600	1-218-929-11	METAL CHIP	10	5%	1/16W
R7601	1-218-929-11	METAL CHIP	10	5%	1/16W
R7602	1-218-929-11	METAL CHIP	10	5%	1/16W
R7603	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R7604	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R7605	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R7606	1-218-929-11	METAL CHIP	10	5%	1/16W
R7607	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R7608	1-218-941-81	METAL CHIP	100	5%	1/16W
R7609	1-218-941-81	METAL CHIP	100	5%	1/16W
R7610	1-218-941-81	METAL CHIP	100	5%	1/16W
R7611	1-218-941-81	METAL CHIP	100	5%	1/16W
R7612	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R7613	1-218-973-11	METAL CHIP	47K	5%	1/16W
R7621	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7622	1-218-990-81	SHORT CHIP	0		
R7624	1-218-970-11	METAL CHIP	27K	5%	1/16W
R7625	1-218-941-81	METAL CHIP	100	5%	1/16W
R7626	1-218-953-11	METAL CHIP	1K	5%	1/16W
R7627	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R7628	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R7634	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7902	1-218-941-81	METAL CHIP	100	5%	1/16W
R7903	1-218-990-81	SHORT CHIP	0		
R7905	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R7907	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R7908	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R7910	1-208-939-11	METAL CHIP	150K	0.5%	1/16W
R7911	1-218-989-11	METAL CHIP	1M	5%	1/16W
R7912	1-218-989-11	METAL CHIP	1M	5%	1/16W
R7914	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R7916	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R7917	1-218-990-81	SHORT CHIP	0		
R7918	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R7919	1-208-697-11	METAL CHIP	3.9K	0.5%	1/16W
R7920	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7922	1-218-941-81	METAL CHIP	100	5%	1/16W
R7925	1-218-990-81	SHORT CHIP	0		
R7926	1-218-989-11	METAL CHIP	1M	5%	1/16W
R7927	1-216-864-11	SHORT CHIP	0		
R7930	1-218-990-81	SHORT CHIP	0		
R7935	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R7936	1-218-990-81	SHORT CHIP	0		
R7937	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7941	1-218-941-81	METAL CHIP	100	5%	1/16W
R7942	1-218-990-81	SHORT CHIP	0		
R7950	1-218-941-81	METAL CHIP	100	5%	1/16W
R7951	1-216-864-11	SHORT CHIP	0		
R7966	1-218-990-81	SHORT CHIP	0		
R7968	1-216-864-11	SHORT CHIP	0		
R7973	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R7974	1-218-933-11	METAL CHIP	22	5%	1/16W
R7975	1-218-933-11	METAL CHIP	22	5%	1/16W
R7982	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R7984	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7986	1-218-990-81	SHORT CHIP	0		
R7987	1-218-990-81	SHORT CHIP	0		
R7988	1-218-990-81	SHORT CHIP	0		
R7992	1-208-869-11	METAL CHIP	180	0.5%	1/16W
R8000	1-218-990-81	SHORT CHIP	0		
R8003	1-218-990-81	SHORT CHIP	0		
R8004	1-216-864-11	SHORT CHIP	0		
R8300	1-216-864-11	SHORT CHIP	0		
R8301	1-218-933-11	METAL CHIP	22	5%	1/16W
R8302	1-218-933-11	METAL CHIP	22	5%	1/16W
R8303	1-400-834-11	FERRITE	0UH		
R8306	1-218-990-81	SHORT CHIP	0		
R9600	1-218-990-81	SHORT CHIP	0		
R9601	1-218-990-81	SHORT CHIP	0		
R9602	1-218-990-81	SHORT CHIP	0		
R9603	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9604	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9610	1-218-990-81	SHORT CHIP	0		
R9612	1-218-990-81	SHORT CHIP	0		
R9614	1-218-990-81	SHORT CHIP	0		
R9617	1-218-965-11	METAL CHIP	10K	5%	1/16W

REF.NO.	PART.NO	DESCRIPTION	REMARK
R9618	1-216-853-11	METAL CHIP 470K 5% 1/10W	
R9619	1-208-860-81	METAL CHIP 75 0.5% 1/16W	
R9620	1-216-853-11	METAL CHIP 470K 5% 1/10W	
R9621	1-218-945-11	METAL CHIP 220 5% 1/16W	
R9622	1-218-945-11	METAL CHIP 220 5% 1/16W	
R9623	1-218-953-11	METAL CHIP 1K 5% 1/16W	
R9624	1-218-953-11	METAL CHIP 1K 5% 1/16W	
R9625	1-218-953-11	METAL CHIP 1K 5% 1/16W	
R9626	1-218-953-11	METAL CHIP 1K 5% 1/16W	
R9627	1-218-965-11	METAL CHIP 10K 5% 1/16W	
R9628	1-218-965-11	METAL CHIP 10K 5% 1/16W	
R9630	1-218-990-81	SHORT CHIP 0	
R9631	1-218-990-81	SHORT CHIP 0	
R9632	1-218-990-81	SHORT CHIP 0	
R9633	1-216-853-11	METAL CHIP 470K 5% 1/10W	
R9634	1-216-853-11	METAL CHIP 470K 5% 1/10W	
R9635	1-216-809-11	METAL CHIP 100 5% 1/10W	
R9636	1-218-941-81	METAL CHIP 100 5% 1/16W	
R9637	1-218-941-81	METAL CHIP 100 5% 1/16W	
R9639	1-218-933-11	METAL CHIP 22 5% 1/16W	
R9640	1-218-933-11	METAL CHIP 22 5% 1/16W	
R9642	1-218-990-81	SHORT CHIP 0	
R9643	1-218-990-81	SHORT CHIP 0	
R9801	1-218-965-11	METAL CHIP 10K 5% 1/16W	
R9806	1-218-990-81	SHORT CHIP 0	
R9807	1-218-990-81	SHORT CHIP 0	
R9811	1-218-945-11	METAL CHIP 220 5% 1/16W	
R9812	1-218-953-11	METAL CHIP 1K 5% 1/16W	
R9813	1-218-953-11	METAL CHIP 1K 5% 1/16W	
R9816	1-216-853-11	METAL CHIP 470K 5% 1/10W	
R9817	1-216-853-11	METAL CHIP 470K 5% 1/10W	
R9818	1-216-853-11	METAL CHIP 470K 5% 1/10W	
R9819	1-211-990-11	METAL CHIP 75 0.5% 1/10W	
R9820	1-216-809-11	METAL CHIP 100 5% 1/10W	
R9821	1-216-853-11	METAL CHIP 470K 5% 1/10W	
R9822	1-218-969-11	METAL CHIP 22K 5% 1/16W	
R9823	1-218-966-11	METAL CHIP 12K 5% 1/16W	
R9824	1-216-813-11	METAL CHIP 220 5% 1/10W	
R9825	1-218-990-81	SHORT CHIP 0	
R9831	1-218-990-81	SHORT CHIP 0	
R9832	1-218-990-81	SHORT CHIP 0	
R9833	1-218-969-11	METAL CHIP 22K 5% 1/16W	
R9834	1-218-966-11	METAL CHIP 12K 5% 1/16W	
R9835	1-218-990-81	SHORT CHIP 0	
R9836	1-218-990-81	SHORT CHIP 0	
R9837	1-218-953-11	METAL CHIP 1K 5% 1/16W	
R9838	1-218-953-11	METAL CHIP 1K 5% 1/16W	
R9839	1-216-813-11	METAL CHIP 220 5% 1/10W	
R9841	1-216-853-11	METAL CHIP 470K 5% 1/10W	
R9842	1-218-990-81	SHORT CHIP 0	
R9843	1-216-853-11	METAL CHIP 470K 5% 1/10W	
R9844	1-211-990-11	METAL CHIP 75 0.5% 1/10W	
R9845	1-216-853-11	METAL CHIP 470K 5% 1/10W	
R9846	1-218-953-11	METAL CHIP 1K 5% 1/16W	
R9847	1-218-953-11	METAL CHIP 1K 5% 1/16W	
R9848	1-216-853-11	METAL CHIP 470K 5% 1/10W	
R9849	1-218-985-11	METAL CHIP 470K 5% 1/16W	
R9850	1-218-985-11	METAL CHIP 470K 5% 1/16W	
R9854	1-216-809-11	METAL CHIP 100 5% 1/10W	
R9855	1-216-809-11	METAL CHIP 100 5% 1/10W	
R9861	1-218-990-81	SHORT CHIP 0	
R9862	1-216-809-11	METAL CHIP 100 5% 1/10W	
R9866	1-208-683-11	METAL CHIP 1K 0.5% 1/16W	
R9868	1-208-683-11	METAL CHIP 1K 0.5% 1/16W	
R9869	1-208-683-11	METAL CHIP 1K 0.5% 1/16W	
R9873	1-218-990-81	SHORT CHIP 0	
R9874	1-218-990-81	SHORT CHIP 0	
R9875	1-218-990-81	SHORT CHIP 0	
R9876	1-208-683-11	METAL CHIP 1K 0.5% 1/16W	
R9877	1-218-990-81	SHORT CHIP 0	
R9878	1-218-990-81	SHORT CHIP 0	
R9879	1-218-990-81	SHORT CHIP 0	
R9881	1-208-860-81	METAL CHIP 75 0.5% 1/16W	
R9885	1-208-860-81	METAL CHIP 75 0.5% 1/16W	
R9886	1-208-860-81	METAL CHIP 75 0.5% 1/16W	
R9897	1-218-945-11	METAL CHIP 220 5% 1/16W	
R9898	1-218-945-11	METAL CHIP 220 5% 1/16W	
R9899	1-218-945-11	METAL CHIP 220 5% 1/16W	
R9916	1-208-860-81	METAL CHIP 75 0.5% 1/16W	
R9919	1-218-953-11	METAL CHIP 1K 5% 1/16W	
R9922	1-218-941-81	METAL CHIP 100 5% 1/16W	
R9923	1-218-990-81	SHORT CHIP 0	
R9924	1-218-953-11	METAL CHIP 1K 5% 1/16W	
R9927	1-218-941-81	METAL CHIP 100 5% 1/16W	
R9933	1-208-683-11	METAL CHIP 1K 0.5% 1/16W	
R9934	1-208-683-11	METAL CHIP 1K 0.5% 1/16W	
R9935	1-218-990-81	SHORT CHIP 0	
R9936	1-218-990-81	SHORT CHIP 0	

< RESISTOR CHIP >

RB1420	1-234-378-21	RES, NETWORK 10K (1005X4)
RB1421	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)
RB2001	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)
RB2002	1-234-378-21	RES, NETWORK 10K (1005X4)
RB2003	1-234-371-21	RES, NETWORK 47 (1005X4)
RB2004	1-234-378-21	RES, NETWORK 10K (1005X4)
RB2006	1-239-670-81	RESISTOR, NETWORK 47
RB2009	1-234-378-21	RES, NETWORK 10K (1005X4)
RB2010	1-234-371-21	RES, NETWORK 47 (1005X4)
RB2013	1-234-371-21	RES, NETWORK 47 (1005X4)

REF.NO.	PART.NO	DESCRIPTION	REMARK
RB2504	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)
RB2505	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)
RB2506	1-234-785-21	RES, CHIP NETWORK 100X8	(3816)
RB2507	1-234-371-21	RES, NETWORK 47	(1005X4)
RB2508	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
RB2509	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
RB2510	1-234-370-21	RES, NETWORK 22	(1005X4)
RB2512	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB2513	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB2516	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)
RB2517	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB2518	1-234-371-21	RES, NETWORK 47	(1005X4)
RB2519	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB2520	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB2521	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB2522	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB2523	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)
RB3000	1-234-723-21	RES, NETWORK 75	(1005X4)
RB3001	1-234-723-21	RES, NETWORK 75	(1005X4)
RB3002	1-234-723-21	RES, NETWORK 75	(1005X4)
RB3003	1-234-723-21	RES, NETWORK 75	(1005X4)
RB3004	1-234-723-21	RES, NETWORK 75	(1005X4)
RB3006	1-234-369-21	RES, NETWORK 10	(1005X4)
RB3007	1-242-963-21	RES, NETWORK 33	(1005X4)
RB3008	1-234-891-21	RES, CHIP NETWORK 10X8	(3816)
RB3009	1-234-891-21	RES, CHIP NETWORK 10X8	(3816)
RB3010	1-239-666-81	RESISTOR, NETWORK 22	
RB3011	1-239-666-81	RESISTOR, NETWORK 22	
RB3500	1-234-371-21	RES, NETWORK 47	(1005X4)
RB3501	1-239-698-11	RESISTOR, NETWORK 10K	
RB3502	1-234-377-21	RES, NETWORK 4.7K	(1005X4)
RB3503	1-234-371-21	RES, NETWORK 47	(1005X4)
RB3504	1-234-371-21	RES, NETWORK 47	(1005X4)
RB3802	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)
RB3803	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB3804	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)
RB3805	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)
RB3806	1-234-371-21	RES, NETWORK 47	(1005X4)
RB3807	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB3809	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB3810	1-234-371-21	RES, NETWORK 47	(1005X4)
RB3811	1-234-371-21	RES, NETWORK 47	(1005X4)
RB3812	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)
RB4200	1-234-372-11	RES, NETWORK 100	(1005X4)
RB4201	1-234-372-11	RES, NETWORK 100	(1005X4)
RB4203	1-234-372-11	RES, NETWORK 100	(1005X4)
RB4204	1-234-372-11	RES, NETWORK 100	(1005X4)
RB4401	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
RB4503	1-239-662-81	RESISTOR, NETWORK 10	
RB4504	1-234-371-21	RES, NETWORK 47	(1005X4)

REF.NO.	PART.NO	DESCRIPTION	REMARK
RB5000	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)
RB5001	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5501	1-234-376-11	RES, NETWORK 2.2K	(1005X4)
RB5502	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5503	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5505	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5506	1-234-785-21	RES, CHIP NETWORK 100X8	(3816)
RB5507	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5508	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5509	1-234-376-11	RES, NETWORK 2.2K	(1005X4)
RB5510	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)
RB5512	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5513	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5514	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5516	1-234-375-21	RES, NETWORK 1K	(1005X4)
RB5518	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5519	1-234-375-21	RES, NETWORK 1K	(1005X4)
RB5520	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB5521	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB5522	1-234-375-21	RES, NETWORK 1K	(1005X4)
RB5524	1-234-375-21	RES, NETWORK 1K	(1005X4)
RB5525	1-234-375-21	RES, NETWORK 1K	(1005X4)
RB5526	1-234-375-21	RES, NETWORK 1K	(1005X4)
RB5527	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5528	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5530	1-234-375-21	RES, NETWORK 1K	(1005X4)
RB5531	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5532	1-234-376-11	RES, NETWORK 2.2K	(1005X4)
RB5533	1-234-376-11	RES, NETWORK 2.2K	(1005X4)
RB7001	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB7002	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7003	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7004	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7005	1-234-882-21	RES, CHIP NETWORK 47KX8	(3816)
RB7007	1-234-882-21	RES, CHIP NETWORK 47KX8	(3816)
RB7008	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB7009	1-234-380-21	RES, NETWORK 47K	(1005X4)
RB7013	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB7301	1-234-381-11	RES, NETWORK 100K	(1005X4)
RB7302	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7303	1-234-381-11	RES, NETWORK 100K	(1005X4)
RB7304	1-234-375-21	RES, NETWORK 1K	(1005X4)
RB7305	1-234-723-21	RES, NETWORK 75	(1005X4)
RB7306	1-234-375-21	RES, NETWORK 1K	(1005X4)
RB7307	1-234-373-21	RES, NETWORK 220	(1005X4)
RB7308	1-234-381-11	RES, NETWORK 100K	(1005X4)
RB7310	1-234-373-21	RES, NETWORK 220	(1005X4)
RB7311	1-234-381-11	RES, NETWORK 100K	(1005X4)
RB7312	1-234-373-21	RES, NETWORK 220	(1005X4)
RB7313	1-234-373-21	RES, NETWORK 220	(1005X4)

REF.NO.	PART.NO	DESCRIPTION	REMARK
RB7401	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7402	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB7403	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB7406	1-234-375-21	RES, NETWORK 1K	(1005X4)
RB7600	1-239-674-81	RESISTOR, NETWORK 100	
RB7601	1-239-674-81	RESISTOR, NETWORK 100	
RB7602	1-239-674-81	RESISTOR, NETWORK 100	
RB7603	1-239-706-81	RESISTOR, NETWORK 47K	
RB7604	1-239-706-81	RESISTOR, NETWORK 47K	
RB7605	1-239-706-81	RESISTOR, NETWORK 47K	
RB7606	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB7607	1-239-674-81	RESISTOR, NETWORK 100	
RB7608	1-239-706-81	RESISTOR, NETWORK 47K	
RB7610	1-239-690-81	RESISTOR, NETWORK 2.2K	
RB7901	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7902	1-234-785-21	RES, CHIP NETWORK 100X8	(3816)
RB7903	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7904	1-239-690-81	RESISTOR, NETWORK 2.2K	
RB7906	1-239-690-81	RESISTOR, NETWORK 2.2K	
RB7907	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB7908	1-234-370-21	RES, NETWORK 22	(1005X4)
RB8300	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
		< TUNER >	
TU7904	8-597-702-10	UNIVERSAL SIL-TU SUT-HE101T	(10
		< VARISTOR >	
VD9605	1-802-090-21	VARISTOR, CHIP	
VD9834	1-802-090-21	VARISTOR, CHIP	
VD9835	1-802-090-21	VARISTOR, CHIP	
VD9836	1-802-090-21	VARISTOR, CHIP	
		< CRYSTAL >	
X2000	1-814-253-11	QUARTZ CRYSTAL UNIT	
X3500	1-814-147-11	QUARTZ CRYSTAL OSCILLATOR	
X3501	1-814-252-11	PIEZOELECTRIC OSCILLATOR 30MHZ	
X5500	1-813-070-21	PIEZOELECTRIC OSCILLATOR	
X5501	1-813-784-21	VIBRATOR, CRYSTAL	
X7001	1-814-267-11	QUARTZ CRYSTAL UNIT	

A-1671-629-A HL4A Board, Complete

REF.NO.	PART.NO	DESCRIPTION	REMARK
		< CAPACITOR >	
C304	1-100-916-11	CERAMIC CHIP 0.1UF 10%	16V
		< CONNECTOR >	
CN301	*1-821-147-11	HEADER ASSEMBLY FOR PWB 7P	
		< DIODE >	
D301	6-502-615-01	DI SML-Z14MTT86A	
D302	6-502-609-01	DI SML-Z14VTT86A	
D303	6-502-615-01	DI SML-Z14MTT86A	
D305	6-502-609-01	DI SML-Z14VTT86A	
		< TRANSISTOR >	
Q301	6-551-815-01	TR UNR52A1G0LS0	
Q302	6-551-815-01	TR UNR52A1G0LS0	
Q303	6-551-815-01	TR UNR52A1G0LS0	
Q305	6-551-815-01	TR UNR52A1G0LS0	
		< RESISTOR >	
R301	1-208-883-81	METAL CHIP 680 0.5%	1/16W
R302	1-218-695-11	METAL CHIP 3.3K 0.5%	1/16W
R303	1-208-675-11	METAL CHIP 470 0.5%	1/16W
R305	1-218-958-11	METAL CHIP 2.7K 5%	1/16W

A-1704-202-A HSN Board, Complete

REF.NO.	PART.NO	DESCRIPTION	REMARK
		< CAPACITOR >	
C401	1-112-068-11	CERAMIC CHIP 220PF 10%	50V
C402	1-100-909-11	CERAMIC CHIP 10UF 10%	6.3V
C404	1-100-916-11	CERAMIC CHIP 0.1UF 10%	16V
C405	1-114-399-21	ELECT CHIP 47UF 20%	6.3V
C406	1-114-130-11	CERAMIC CHIP 1UF 10%	6.3V
		< CONNECTOR >	
CN401	*1-821-132-11	HEADER ASSEMBLY FOR PWB 5P	
		< DIODE >	
D402	6-501-732-01	DIODE MAZ8056G0LS0	
		< IC >	
IC401	6-600-681-01	IC RS-770N	
IC402	6-600-680-01	PHOTO DIODE BH1690FVC-TR	
		< TRANSISTOR >	
Q401	6-551-775-01	TR 2SA2122G0LS0	
		< RESISTOR >	
R401	1-218-941-81	METAL CHIP 100 5%	1/16W
R402	1-218-937-11	METAL CHIP 47 5%	1/16W
R403	1-218-990-81	SHORT CHIP 0	
R404	1-218-955-11	METAL CHIP 1.5K 5%	1/16W
R406	1-218-990-81	SHORT CHIP 0	
R407	1-218-979-11	METAL CHIP 150K 5%	1/16W
R408	1-218-965-11	METAL CHIP 10K 5%	1/16W

REF.NO.	PART.NO	DESCRIPTION	REMARK
R409	1-218-971-11	METAL CHIP 33K 5% 1/16W	
R411	1-218-953-11	METAL CHIP 1K 5% 1/16W	

A-1742-442-A TUS Board, Complete

< CAPACITOR >

REF.NO.	PART.NO	DESCRIPTION	REMARK
C500	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C501	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C502	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C504	1-164-843-11	CERAMIC CHIP 3PF	0.25PF 50V
C506	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C507	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C508	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C509	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C510	1-164-862-11	CERAMIC CHIP 33PF	5.00% 50V
C512	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C514	1-112-692-11	CERAMIC CHIP 1000PF	5% 50V
C516	1-164-862-11	CERAMIC CHIP 33PF	5.00% 50V
C518	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C519	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C520	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C521	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C522	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C523	1-164-852-11	CERAMIC CHIP 12PF	5.00% 50V
C524	1-164-852-11	CERAMIC CHIP 12PF	5.00% 50V
C525	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C526	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C527	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C528	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C529	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C530	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C531	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C532	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C533	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C534	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C535	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C536	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C537	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C538	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C539	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C540	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C541	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C542	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C543	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C544	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C545	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C546	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C547	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C548	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C549	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C550	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C551	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C552	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C553	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C554	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C555	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C556	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C557	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C558	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C559	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C560	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C561	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C562	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C563	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C564	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C565	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C566	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C567	1-164-866-11	CERAMIC CHIP 47PF	5.00% 50V
C568	1-164-866-11	CERAMIC CHIP 47PF	5.00% 50V
C569	1-114-334-11	CERAMIC CHIP 10UF	10% 25V
C570	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C571	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C572	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C573	1-114-334-11	CERAMIC CHIP 10UF	10% 25V
C574	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C575	1-114-332-11	CERAMIC CHIP 22UF	10% 6.3V
C576	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C577	1-127-772-81	CERAMIC CHIP 0.033UF	10% 10V
C578	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C579	1-127-772-81	CERAMIC CHIP 0.033UF	10% 10V
C580	1-112-807-11	ELECT CHIP 100UF	20% 50V
C581	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C582	1-112-807-11	ELECT CHIP 100UF	20% 50V
C583	1-114-329-11	CERAMIC CHIP 0.47UF	10% 50V
C584	1-112-807-11	ELECT CHIP 100UF	20% 50V
C585	1-114-329-11	CERAMIC CHIP 0.47UF	10% 50V
C586	1-114-329-11	CERAMIC CHIP 0.47UF	10% 50V
C587	1-114-329-11	CERAMIC CHIP 0.47UF	10% 50V
C588	1-125-898-91	CERAMIC CHIP 0.22UF	10.00% 50V
C589	1-114-868-11	CERAMIC CHIP 0.1UF	10% 50V
C590	1-125-898-91	CERAMIC CHIP 0.22UF	10.00% 50V
C591	1-114-334-11	CERAMIC CHIP 10UF	10% 25V
C592	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C593	1-114-868-11	CERAMIC CHIP 0.1UF	10% 50V
C594	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C595	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C596	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V

REF.NO.	PART.NO	DESCRIPTION	REMARK
		< CONNECTOR >	
CN500	*1-818-656-21	HEADER ASSEMBLY 30P	
CN501	1-822-761-11	COAXIAL CONNECTOR (F TYPE)	
		< DIODE >	
D501	8-719-076-47	DIODE 1SV308(TH3SONY,F)	
D502	8-719-053-18	DIODE 1SR154-400TE-25	
D503	8-719-081-67	DIODE M1FM3	
D504	8-719-081-34	DIODE RB160M-30TR	
D507	8-719-081-67	DIODE M1FM3	
D508	8-719-053-18	DIODE 1SR154-400TE-25	
D509	8-719-081-34	DIODE RB160M-30TR	
D510	6-501-818-01	DIODE MA2J1130GLS0	
D511	6-502-943-01	DI LNBTVS4-304S	
		< FERRITE BEAD >	
FB500	1-469-869-21	FERRITE 0UH	
FB501	1-469-084-21	FERRITE 0MH	
FB502	1-469-084-21	FERRITE 0MH	
FB503	1-469-084-21	FERRITE 0MH	
FB504	1-469-084-21	FERRITE 0MH	
FB505	1-469-084-21	FERRITE 0MH	
FB506	1-469-084-21	FERRITE 0MH	
FB507	1-469-084-21	FERRITE 0MH	
FB508	1-469-084-21	FERRITE 0MH	
FB509	1-469-084-21	FERRITE 0MH	
FB510	1-469-084-21	FERRITE 0MH	
FB511	1-469-084-21	FERRITE 0MH	
FB512	1-400-180-21	FERRITE 0UH	
FB513	1-400-180-21	FERRITE 0UH	
FB514	1-400-180-21	FERRITE 0UH	
FB515	1-400-180-21	FERRITE 0UH	
		< IC >	
IC500	6-714-597-01	IC STV6110AT	
IC501	6-714-562-01	IC STV0903BAB	
IC502	6-714-497-01	IC ST1S03PUR	
IC503	6-714-497-01	IC ST1S03PUR	
IC504	6-714-518-01	IC LNBH23TPPR	
		< COIL >	
L500	1-481-673-21	INDUCTOR 27NH	
L501	1-414-786-21	INDUCTOR 10NH	
L502	1-164-839-11	CERAMIC CHIP 0.5PF	0.25PF 50V
L503	1-469-859-21	INDUCTOR 33NH	
L507	1-457-849-11	INDUCTOR 3.6UH	
L508	1-481-548-11	INDUCTOR 4.7UH	
L509	1-457-850-11	INDUCTOR 22UH	
L510	1-457-851-11	INDUCTOR 220UH	

REF.NO.	PART.NO	DESCRIPTION	REMARK
		< TRANSISTOR >	
Q500	6-550-673-01	TRANSISTOR 2SC5751-T2	
		< RESISTOR >	
R500	1-208-691-11	METAL CHIP 2.2K 0.5%	1/16W
R501	1-208-687-11	METAL CHIP 1.5K 0.5%	1/16W
R502	1-220-874-81	METAL CHIP 15 0.5%	1/16W
R504	1-208-675-11	METAL CHIP 470 0.5%	1/16W
R508	1-412-971-31	INDUCTOR 0.22UH	
R509	1-208-675-11	METAL CHIP 470 0.5%	1/16W
R510	1-218-990-81	SHORT CHIP 0	
R512	1-218-937-11	METAL CHIP 47 5%	1/16W
R513	1-242-967-81	METAL CHIP 1 5%	1/16W
R514	1-218-941-81	METAL CHIP 100 5%	1/16W
R515	1-218-941-81	METAL CHIP 100 5%	1/16W
R516	1-218-941-81	METAL CHIP 100 5%	1/16W
R517	1-218-941-81	METAL CHIP 100 5%	1/16W
R518	1-218-953-11	METAL CHIP 1K 5%	1/16W
R520	1-218-965-11	METAL CHIP 10K 5%	1/16W
R521	1-218-990-81	SHORT CHIP 0	
R522	1-218-990-81	SHORT CHIP 0	
R524	1-208-869-11	METAL CHIP 180 0.5%	1/16W
R528	1-218-961-11	METAL CHIP 4.7K 5%	1/16W
R529	1-218-969-11	METAL CHIP 22K 5%	1/16W
R531	1-218-952-11	METAL CHIP 820 5%	1/16W
R532	1-208-905-11	METAL CHIP 5.6K 0.5%	1/16W
R533	1-208-713-11	METAL CHIP 18K 0.5%	1/16W
R534	1-218-953-11	METAL CHIP 1K 5%	1/16W
R539	1-218-965-11	METAL CHIP 10K 5%	1/16W
R545	1-208-711-11	METAL CHIP 15K 0.5%	1/16W
R546	1-218-941-81	METAL CHIP 100 5%	1/16W
R547	1-216-154-00	METAL CHIP 15 5%	1/8W
R548	1-218-959-11	METAL CHIP 3.3K 5%	1/16W
R549	1-218-959-11	METAL CHIP 3.3K 5%	1/16W
R560	1-218-990-81	SHORT CHIP 0	
R561	1-218-990-81	SHORT CHIP 0	
R563	1-208-869-11	METAL CHIP 180 0.5%	1/16W
R564	1-208-869-11	METAL CHIP 180 0.5%	1/16W
		< RESISTOR CHIP >	
RB500	1-200-051-21	RES, NETWORK 150 (1005X4)	
RB502	1-239-694-81	RESISTOR, NETWORK 4.7K	
RB503	1-239-670-81	RESISTOR, NETWORK 47	
RB504	1-200-051-21	RES, NETWORK 150 (1005X4)	
		< CRYSTAL >	
X500	1-813-055-11	QUARTZ CRYSTAL UNIT	

REF.NO.	PART.NO	DESCRIPTION	REMARK

ACCESSORIES AND CONNECTORS

32 INCHES

1-837-113-21	LEAD WIRE CONNECTOR(LVDS) (TCON-BA(CN4501))	
*1-910-054-76	CONNECTOR ASSY 14P (INVERTER(CN01)-G2(CN02)-BA(CN1301))	
*1-910-054-77	CONNECTOR ASSY 13P (G2(CN3)-BA(CN1300))	
*1-910-057-28	MULTI HARNESS SPEAKER ASSY (BA(CN5503/7201)-HSN(CN401)-HL4A(CN301)-SWITCH UNIT-SPEAKERS)	
*1-910-058-88	CONNECTOR ASSY 30P (BA-TUS)	

37 INCHES

1-836-681-21	LEAD WIRE CONNECTOR(LVDS) (TCON-BA(CN4501))	
*1-910-054-57	CONNECTOR ASSY 13P (G4-BA(CN1300))	
*1-910-054-58	CONNECTOR ASSY 14P (INVERTER-G4-BA(CN1301))	
*1-910-057-30	MULTI HARNESS SPEAKER ASSY (BA(CN5503/7201)-HSN(CN401)-HL4A(CN301)-SWITCH UNIT-SPEAKERS)	
*1-910-058-88	CONNECTOR ASSY 30P (BA-TUS)	

40 INCHES

*1-836-420-21	CONNECTOR ASSY, MDF61 (INVERTER-IP1(CN6700))	
1-836-679-21	LEAD WIRE CONNECTOR(LVDS) (TCON-BA(CN4501))	
*1-910-054-60	CONNECTOR ASSY 7P (INVERTER-IP1(CN6701))	
*1-910-054-61	HARNESS ASSY 7P (BA-IP1)	
*1-910-054-81	CONNECTOR ASSY 4P (TCON-IP1)	
*1-910-057-32	MULTI HARNESS SPEAKER ASSY (BA(CN5503/7201)-HSN(CN401)-HL4A(CN301)-SWITCH UNIT-SPEAKERS)	
*1-910-058-88	CONNECTOR ASSY 30P (BA-TUS)	

46 INCHES

1-836-674-21	LEAD WIRE CONNECTOR(LVDS) (TCON-BA(CN4501))	
*1-910-419-21	CONNECTOR ASSY, MDF61 (INVERTER-IP2(CN6700))	
*1-910-054-57	CONNECTOR ASSY 13P (IP2(CN6150)-BA(CN1300))	
*1-910-054-64	CONNECTOR ASSY 7P (BALANCER-IP2(CN6701))	
*1-910-054-66	CONNECTOR ASSY 8P (IP2(CN6154)-BA(CN1301))	
*1-910-054-84	CONNECTOR ASSY 4P (IP2-TCON)	
*1-910-057-34	MULTI HARNESS SPEAKER ASSY (BA(CN5503/7201)-HSN(CN401)-HL4A(CN301)-SWITCH UNIT-SPEAKERS)	
*1-910-058-88	CONNECTOR ASSY 30P (BA-TUS)	

52 INCHES

*1-835-715-11	CONNECTOR ASSY 2P (D5N(CN6600)-BALANCER)	
*1-836-138-11	CONNECTOR ASSY 2P (D6N(CN6900-BALANCER)	
*1-836-417-21	CONNECTOR ASSY, MDF61 (INVERTER-D5N(CN6700))	
*1-836-418-21	CONNECTOR ASSY, MDF61 (INVERTER-D6N(CN6951))	
1-836-673-21	LEAD WIRE CONNECTOR(LVDS) (TCON-BA(CN4501))	
*1-910-054-68	HARNESS ASSY (7P/13P) (G5-BA(CN1300/CN1301))	
*1-910-054-72	CONNECTOR ASSY 8P(D5(CN6702)-G5)	
*1-910-054-73	CONNECTOR ASSY 10P(D5N(CN6703)-D6N(CN6950))	
*1-910-054-74	CONNECTOR ASSY 7P(BALANCER-D5N(CN6701))	
*1-910-054-84	CONNECTOR ASSY 4P (TCON-G5)	
*1-910-057-47	MULTI HARNESS SPEAKER ASSY (BA(CN5503/7201)-HSN(CN401)-HL4A(CN301)-SWITCH UNIT-SPEAKERS)	
*1-910-058-88	CONNECTOR ASSY 30P (BA-TUS)	

INSTRUCTION MANUALS

*4-159-944-11	INSTRUCTION MANUAL (U) ENGLISH	
*4-159-944-21	INSTRUCTION MANUAL (E) ENGLISH/FRENCH/ITALIAN/GERMAN/CEZCH/SLOVAK/TURKISH	

REMOTE COMMANDER

1-487-228-11	REMOTE COMMANDER (RM-ED016)	(AEP Dest)
1-487-570-11	REMOTE COMMANDER (RM-ED020)	(UK Dest)

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